# Public Works (1898) Department.

RAILWAY BRANCH.

G.O., No. 1381-82 Rys.

DATED 10th November 1898.

Proof 100/3
10/60/1

[Despatch Abstract.]

Capital & Revenue Accounts, South Indian Ry.

Orders that a note by the Chief Auditor on the _____ for the half year ended the 30th June 1898, be forwarded to the Govt of India and to the Secretary of State.

Forwarding copy of Proceedings embodying a note by the Chief Auditor on the _____ for the half year ended the 30th June 1898.

Indexed.

## BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
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RAILWAY.

# Government {1898} of Madras.

## PUBLIC WORKS.

*Recd.* } 1898. *Enclosures*

*Regd.* *Spare copies*

**G.O., Nos. 1381, 1382 Ry., 10th November 1898.**

**NOVEMBER.**

**Capital and Revenue Accounts, South Indian Railway**

Forwarding copy of Proceedings embodying a note by the Chief Auditor on the — for the half-year ended the 30th June 1898.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

**Railway.**

Read the following papers :—

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Trichinopoly, 14th October 1898, No. 938.

*Note by the Chief Auditor, South Indian Railway, on the Capital and Revenue Accounts for the half-year ending 30th June 1898.*

CAPITAL.

*Statement V.*—The Capital expenditure for the half-year amounted to Rs. 72,887, of which Rs. 19,725 was on "Land," Rs. 14,488 on "Ballast and Permanent-way," and Rs. 28,307 on "Stations and Buildings."

The outlay on "Land" included an arrear charge of Rs. 13,694 being the capitalized value of abatement of land revenue ordered by the Government of India to be transferred to direct outlay—*vide* their No. 46 A.R. of 13th January 1898.

The expenditure under "Ballast and Permanent-way" and "Stations and Buildings" was chiefly incurred in connection with the Gudur station arrangements sanctioned by the Government of India in their No. 2006 R.C., dated 15th December 1897.

2. *Statements VI and XVIII.*—The total capital outlay to end of June 1898, including suspense accounts was Rs. 7,66,13,490 and excluding Suspense Accounts Rs. 7,43,21,374. The latter figure gives on the total open mileage of 1,041·59 an average cost of Rs. 71,354 per mile.

REVENUE.

3. *General Results.*—The following table shows the general results of the working :—

| —— | First-half of 1897. | First-half of 1898. | Increase or Decrease. | Percentage of increase or decrease. |
|---|---|---|---|---|
| | MILES. | MILES. | MILES. | |
| Mean mileage worked | 1,041·59 | 1,041·59 | ... | .. |
| Train mileage | 1,744,051 | 1,635,210 | — 108,841 | — 6·24 |
| | No. | No. | No. | |
| Average number of trains over the whole line daily in both directions | 9·25 | 8·67 | — 0·58 | .. |
| | Rs. | Rs. | Rs. | |
| Gross earnings | 46,24,064 | 43,49,055 | — 2,75,009 | — 5·95 |
| Working expenses | 23,96,752 | 23,10,950 | — 85,802 | — 3·58 |
| Net earnings | 22,27,312 | 20,38,105 | — 1,89,207 | — 8·49 |
| Percentage of working expenses to gross earnings | 51·83 | 53·14 | + 1·31 | .. |
| Percentage of net earnings on capital outlay including suspense | 2·89 | 2·66 | — 0·23 | .. |



4. The gross earnings per mean mile worked per week averaged Rs. 160·59 against Rs. 170·75, and were realised at a cost of 53·14 per cent. against 51·83 per cent. during the corresponding period of 1897.

5. The net earnings with the adjustments shown in statement XIX give, after deducting interest charges and the additional contribution to Provident Fund, a surplus of Rs. 8,08,022, of which the Company's share is Rs. 1,47,653 and Government's, Rs. 6,60,369.

6. The contribution to the Provident Institution during the half-year was Rupees 20,279 as under :—

| | | |
|---|---|---|
| Fifty per cent. of compulsory deductions charged to Working Expenses | Rs. | 12,252 |
| Additional contribution as per surplus profits statement No. XIX ... | „ | 8,027 |
| Total ... | Rs. | 20,279 |

7. *Gross Earnings.*—The following table shows the gross earnings for the two half-years :—

| —— | First-half of 1897. | First-half of 1898. | Increase or decrease in amount. | Percentage of increase or decrease. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | |
| Coaching | 25,92,076 | 23,32,919 | — 2,59,157 | — 10·00 |
| Goods | 19,30,286 | 18,35,746 | — 94,540 | — 4·90 |
| Electric Telegraph | 10,867 | 10,626 | — 241 | — 2·22 |
| Sundries | 90,835 | 1,69,764 | + 78,929 | + 86·89 |
| Total | 46,24,064 | 43,49,055 | — 2,75,009 | — 5·95 |

8. *Abstract II—Coaching Traffic.*—The number of passengers carried in the various classes including troops, police, and season ticket holders, and the earnings therefrom compare as follows :—

| —— | First-class. | | Second-class. | | Third-class. | | Total. | |
|---|---|---|---|---|---|---|---|---|
| | Number. | Earnings. | Number. | Earnings. | Number | Earnings. | Number. | Earnings. |
| | | Rs. | | Rs. | | Rs. | | Rs. |
| First-half of 1897 | 12,501 | 41,268 | 111,862 | 95,633 | 6,449,954 | 23,32,476 | 6,574,317 | 24,69,377 |
| First-half of 1898 | 10,504 | 41,484 | 59,607 | 82,312 | 5,965,254 | 20,78,886 | 6,035,365 | 22,02,682 |
| Increase | .. | 216 | .. | .. | .. | .. | .. | .. |
| Decrease | 1,997 | .. | 52,255 | 13,321 | 484,700 | 2,53,590 | 538,952 | 2,66,695 |

9. The corresponding period included the abnormal traffic on account of the Mahamagam festival at Kumbakonam held once in twelve years.

The important annual festivals at Srirangam, Chidambaram and Conjeeveram were not so numerously attended as usual owing to plague precautionary measures and to the unfavorable season.

10. The fall in the second-class traffic is due, in some measure, to the increased fare, but it will be seen from the following that the falling off in the amount earned is not so serious when compared with the smaller number of passengers carried :—

| | Number. | Amount earned. |
|---|---|---|
| | | Rs. |
| First-half of 1895 ... ... ... ... ... | 110,387⅓ | 89,284 |
| Do. of 1896 ... ... ... ... ... | 113,413⅓ | 95,295 |
| Do. of 1897 ... ... ... ... ... | 111,862 | 95,633 |
| Do. of 1898 ... ... ... ... ... | 59,607 | 82,312 |

11. *Other Coaching Traffic.*—The fluctuations in other coaching traffic are shown in the following table :—

| Sub-head. | Increase. | Decrease. |
|---|---|---|
| | Rs. | Rs. |
| II. Passenger's luggage ... ... ... | ... | 603 |
| III. Military baggage .. ... ... ... | 273 | ... |
| IV. Carriages, horses, dogs, &c. ... ... | ... | 1,879 |
| V. Military carriages, horses, &c. ... .. | 202 | ... |
| VI. Parcels ... ... ... ... ... | 7,577 | ... |
| VII. Special trains ... ... ... ... | 2,804 | ... |
| VIII. Miscellaneous ... ... ... ... | ... | 666 |
| IX. Post office ... ... ... ... ... | ... | 212 |
| Total ... | 10,856 | 3,360 |

12. *Abstract I—Goods Traffic.*—The following is a summary of the tonnage of goods lifted, and the earnings therefrom as compared with the corresponding period of 1897 :—

| — | First half of 1897. | | First half of 1898. | |
|---|---|---|---|---|
| | Quantity. | Earnings. | Quantity. | Earnings. |
| | tons. | Rs. | tons. | Rs. |
| Merchandise, general .. .. .. .. | 441,077 | 18,41,038 | 364,813 | 17,36,263 |
| Military stores .. .. .. .. .. | 71 | 1,859 | 295 | 2,639 |
| Railway materials for construction .. .. .. | 18,205 | 5,821 | 52,438 | 8,621 |
| Coal .. .. .. .. .. .. | 18,569 | 25,619 | 20,381 | 24,639 |
| Revenue stores .. .. .. .. .. | 177,888 | 45,035 | 346,128 | 47,994 |
| Other goods traffic .. .. .. .. .. | .. | 10,991 | .. | 15,590 |
| Total .. | 655,810 | 19,30,363 | 784,055 | 18,35,746 |
| *Less*—Outstandings irrecoverable .. .. | .. | 77 | .. | .. |
| Total .. | 655,810 | 19,30,286 | 784,055 | 18,35,746 |

13. *Merchandise, general.*—The traffic under this head shows the following results as compared with the corresponding period of 1897 :—

| | Decrease. | | Per cent. |
|---|---|---|---|
| Tonnage ... ... ... ... ... ... | 76,264 | or | 17·29 |
| Ton mileage ... ... ... ... ... ... | 2,071,024 | or | 5·52 |
| Earnings ... ... ... ... ... ... | 1,04,775 | or | 5·69 |

14. The average rate charged per ton per mile was 9·41 pies against 9·43 pies in the corresponding period of 1897.

15. *Railway materials for construction—Increase of tons* 34,233 *and Rs.* 2,800—Due to a greater quantity of ballast carried.

16. *Revenue stores—Increase of tons* 168,240 *and Rs.* 2,959—Chiefly on account of ballast carried for maintenance of the line.



17. The following table shows some of the principal commodities included above under the head of "Merchandise, general" carried during the two half-years under comparison :—

| — | First half of 1897. | | First half of 1898. | |
|---|---|---|---|---|
| | Quantity. | Amount. | Quantity. | Amount. |
| | tons. | Rs. | tons. | Rs. |
| Cotton, raw .. .. .. .. .. | 7,581 | 45,415 | 8,932 | 56,535 |
| Cotton, manufactured .. .. .. .. | 8,922 | 1,05,649 | 8,924 | 98,709 |
| Dyes and tans .. .. .. .. .. | 6,250 | 53,560 | 5,624 | 49,601 |
| Grain and pulse .. .. .. .. .. | 150,993 | 4,21,340 | 86,070 | 3,16,829 |
| Hides and skins .. .. .. .. .. | 4,298 | 43,580 | 4,815 | 47,300 |
| Jute .. .. .. .. .. .. | 3,988 | 24,330 | 3,099 | 20,467 |
| Metals .. .. .. .. .. .. | 6,175 | 57,604 | 7,389 | 71,184 |
| Oils .. .. .. .. .. .. | 9,454 | 61,949 | 9,425 | 66,672 |
| Oil-seeds .. .. .. .. .. .. | 15,272 | 61,246 | 12,614 | 60,501 |
| Provisions .. .. .. .. .. .. | 14,519 | 87,562 | 12,452 | 72,560 |
| Railway plant and rolling-stock .. .. .. | 16,884 | 45,633 | 5,229 | 13,819 |
| Salt .. .. .. .. .. .. | 32,727 | 1,21,607 | 29,818 | 1,07,982 |
| Spices .. .. .. .. .. .. | 8,484 | 68,347 | 8,714 | 75,877 |
| Stone and lime .. .. .. .. .. | 54,965 | 69,194 | 42,040 | 55,930 |
| Sugar .. .. .. .. .. .. | 28,259 | 1,60,303 | 27,286 | 1,59,808 |
| Timber .. .. .. .. .. .. | 30,978 | 56,698 | 28,519 | 48,920 |
| Tobacco .. .. .. .. .. .. | 3,823 | 21,154 | 3,701 | 21,996 |
| All other articles of merchandise .. .. .. | 53,477 | 2,99,199 | 56,629 | 3,60,750 |

18. *Cotton, raw—Increase of tons* 1,351 *and Rs.* 11,120.—The increase was in loose cotton from Virudupatti to Tuticorin for use in the local mills. The cotton crop was better this year than last.

19. *Cotton, manufactured—Increase of tons* 2 *and decrease of Rs.* 6,940.—The decrease in amount principally occurred in "Piece-goods (European)" from Madras to the Tanjore and Southern districts where the demand was less than in the corresponding period.

20. *Grain and Pulse—Decrease of tons* 44,923 *and Rs.* 1,10,511.—Owing to a poor rice crop in the North Arcot, Tanjore, Trichinopoly, Madura and Tinnevelly districts, the export of "rice not in the husk" was considerably below that of the 1897 period.

Bengal and Rangoon rice was to some extent imported at Negapatam and railed to the interior, thus in a measure compensating for the loss of this traffic in the home districts.

There was also little traffic from Trichinopoly, Karur and Tiruvannamalai in "Grain and pulse", due to the failure of crops.

21. *Metals—Increase of tons* 1,214 *and Rs.* 13,580.—The increase was chiefly in bar iron, &c., from Madras to the Tanjore, Trichinopoly and the Southern districts for manufacturing agricultural implements.

22. *Oils—Decrease of tons* 29 *and increase of Rs.* 4,723.—There was a large increase in the quantity carried and amount earned under "Kerosine-oil in bulk", while "Castor," "Cocoanut" and other oils showed considerably decreased results owing to failure of crops.

23. *Provisions—Decrease of tons* 2,067 *and Rs.* 15,002.—The decrease was under the head "Others" chiefly in tamarinds from the Cuddapah and North Arcot districts to the Tanjore and Southern districts, the crop being below the average.

24. *Railway Plant and Rolling Stock—Decrease of tons* 11,655 *and Rs.* 31,814.—In the corresponding period of 1897 there was exceptional traffic in rails, girders, and sleepers carried from Rayapuram and Ennur to Gudur, Venkatachalam and Nellore for the Madras-Bezwada Railway.

25. *Salt—Decrease of tons* 2,909 *and Rs.* 13,625.—Salt from Tuticorin was carried to the interior districts largely on country carts, as a large number of bullocks was set free from cultivation owing to want of rain.

The stations on the Madras and Southern Mahratta Railways obtained supplies from the West Coast instead of from Nellore.

*Unclassified Expenditure—Decrease Rs.* 11,915.—Chiefly due to the write back in the current half year of a debit in December 1897 on account of loss on sale of engine tenders taken as a set-off against the gross profits in Abstract K.

35. The locomotive expenses per train mile were As. 8·25 against As. 7·73 and per engine mile As. 6·96 against As. 6·59.

36. *Abstract C—Carriage and Wagon Expenses—Decrease Rs.* 9,509—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karaikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 23,309 | 90 | 649 | 22,570 | I. General superintendence .. | 20,933 | 597 | 77 | 33 | 21,640 |
| 1,32,587 | 515 | 3,692 | 1,28,380 | II. Repairs and renewals of vehicles— | | | | | |
| 95,306 | 370 | 2,654 | 92,282 | Coaching vehicles .. .. | 1,39,007 | 3,961 | 512 | 219 | 1,43,699 |
| 4 | .. | .. | 4 | Goods vehicles .. .. | 74,379 | 2,120 | 274 | 117 | 76,890 |
| | | | | II-A. Repairs and renewals of machinery, tools and plant .. | .. | .. | .. | .. | .. |
| 22,112 | 86 | 616 | 21,410 | III. Cleaning carriages and wagons and oiling .. .. | 21,950 | 625 | 81 | 35 | 22,691 |
| | | | | IV. New minor works .. .. | .. | .. | .. | .. | .. |
| 982 | 4 | 27 | 951 | V. Unclassified expenditure .. | 3,897 | 111 | 15 | 6 | 4,029 |
| 613 | 2 | 17 | 594 | | | | | | |
| 2,74,913 | 1,067 | 7,655 | 2,66,191 | Total .. | 2,60,166 | 7,414 | 959 | 410 | 2,68,949 |
| 305 | 1 | 8 | 296 | *Deduct*—Value of stores returned to stock .. .. .. | 3,780 | 108 | 14 | 6 | 3,908 |
| 2,74,608 | 1,066 | 7,647 | 2,65,895 | Total .. | 2,56,386 | 7,306 | 945 | 404 | 2,65,041 |

*II. Repairs and Renewals of Vehicles—Decrease Rs.* 7,276.—Only 29½ sets of Jones' buffers were fitted during the half year under review against 111 sets in the corresponding half year. Ordinary repairs of coaching vehicles were more and those of goods vehicles less than in the 1897 period.

37. The carriage and wagon expenses per train mile amounted to As. 2·51 against As. 2·44 and Rs. 7·81 per 1,000 vehicle miles against Rs. 7·76.

38. *Abstract D—Traffic Expenses—Decrease Rs.* 6,517—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railways. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karaikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| | | | | I. Salaries, wages, &c.— | | | | | |
| 54,889 | 213 | 1,528 | 53,148 | (a) General superintendence. | 51,197 | 1,459 | 189 | 80 | 52,925 |
| 1,80,188 | 700 | 5,018 | 1,74,470 | (b) Station staff .. .. | 1,77,070 | 5,016 | 653 | 279 | 1,83,048 |
| 43,399 | 169 | 1,208 | 42,022 | (c) Train staff .. .. | 41,994 | 1,197 | 155 | 66 | 43,412 |
| 64,698 | 251 | 1,802 | 62,645 | II. Fuel, lighting, water, and general stores .. .. .. | 53,856 | 1,535 | 198 | 85 | 55,674 |
| 4,423 | 17 | 123 | 4,283 | III. Clothing .. .. .. | 2,861 | 82 | 11 | 3 | 2,957 |
| 59,058 | 229 | 1,645 | 57,184 | IV. Printing, stationery and tickets. | 58,476 | 1,666 | 215 | 93 | 60,450 |
| .. | .. | .. | .. | V. Charges for delivery and collection of goods .. .. | 6 | .. | .. | .. | 6 |
| 3,075 | 12 | 86 | 2,977 | VI. Miscellaneous expenses .. | 2,568 | 73 | 9 | 5 | 2,655 |
| 8,398 | 33 | 234 | 8,131 | VII. Payments to other lines .. | 7,516 | 214 | 28 | 12 | 7,770 |
| 40 | .. | 1 | 39 | VIII. Unclassified expenditure .. | 2,371 | 68 | 9 | 3 | 2,451 |
| 4,18,168 | 1,624 | 11,645 | 4,04,899 | Total .. | 3,97,915 | 11,340 | 1,467 | 626 | 4,11,348 |
| 672 | 3 | 19 | 650 | *Deduct*—Value of stores returned to stock .. .. .. | 183 | 5 | 1 | .. | 189 |
| 4,17,496 | 1,621 | 11,626 | 4,04,249 | Total .. | 3,97,732 | 11,335 | 1,466 | 626 | 4,11,159 |



The decrease in this abstract is explained by the fact that, in the first half of 1897, under II "Fuel, Lighting, Water and general stores" special large issues of oil, stores, station furniture and equipment were included owing to the Mahamagam festival.

39. The charges for station and train staff, the tonnage of goods lifted, and the ton miles of goods carried compare as follows:—

| — | First-half of 1897. | First-half of 1898. | Increase or decrease. | Percentage of increase or decrease. |
|---|---|---|---|---|
| | Tons. | Tons. | Tons. | |
| Tonnage of goods .. .. .. .. .. | 655,810 | 784,055 | + 128,245 | + 19·56 |
| | Ton miles. | Ton miles. | Ton miles. | |
| | 42,969,024 | 41,436,198 | — 1,532,826 | — 3·57 |
| | Rs. | Rs. | Rs. | |
| Ton miles of goods .. .. .. .. .. | 1,74,470 | 1,77,070 | + 2,600 | + 1·49 |
| | 42,022 | 41,994 | — 28 | — 0·07 |
| Station staff .. .. .. .. .. | | | | |
| Train staff .. .. .. .. .. | | | | |

40. The total cost of the department averaged As. 3·89 against As. 3·71 per train mile in the corresponding previous half year.

41. *Abstract E—General Charges—Decrease Rs.* 140—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karaikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 48,622 | 189 | 1,354 | 47,079 | I. General administration .. | 42,853 | 1,221 | 158 | 68 | 44,300 |
| 41,664 | 162 | 1,160 | 40,342 | I-A. Government supervision, audit and control. | 40,639 | 1,158 | 150 | 64 | 42,011 |
| 1,47,106 | 571 | 4,096 | 1,42,439 | Inspection of Indian management including offices. | 1,48,146 | 4,222 | 545 | 234 | 1,53,147 |
| 20,815 | 80 | 580 | 20,155 | III. Police .. .. .. | 21,402 | 610 | 79 | 33 | 22,124 |
| 2,338 | 9 | 65 | 2,264 | IV. Advertising .. .. .. | 725 | 20 | 3 | 1 | 749 |
| 60,025 | 233 | 1,671 | 58,121 | V. Electric telegraph .. .. | 57,752 | 1,646 | 213 | 90 | 59,701 |
| .. | .. | .. | .. | VI. Clearing accounts with other lines. | .. | .. | .. | .. | .. |
| 692 | 3 | 19 | 670 | VII. Unclassified expenditure .. | 17 | 1 | .. | .. | 18 |
| 3,21,262 | 1,247 | 8,945 | 3,11,070 | Total .. | 3,11,534 | 8,878 | 1,148 | 490 | 3,22,050 |
| 91 | .. | 2 | 89 | *Deduct*—Value of stores returned to stock. | 693 | 20 | 3 | .. | 716 |
| 3,21,171 | 1,247 | 8,943 | 3,10,981 | Total .. | 3,10,841 | 8,858 | 1,145 | 490 | 3,21,334 |

The net decrease is small and calls for no special remarks.

42. *Abstract G—Special and Miscellaneous Expenditure—Increase Rs.* 3,359—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karaikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 2,167 | 9 | 60 | 2,098 | I. Law charges .. .. | 198 | 6 | 1 | .. | 205 |
| 2,708 | 10 | 76 | 2,622 | II. Compensation .. .. | 816 | 23 | 3 | 1 | 843 |
| 6,956 | 27 | 193 | 6,736 | III. Rates and taxes .. .. | 11,627 | 331 | 43 | 19 | 12,020 |
| 8,574 | 33 | 239 | 8,302 | IV. Payments to other lines .. | 64 | 2 | .. | .. | 66 |
| .. | .. | .. | .. | V. Prizes for station gardens, &c. | .. | .. | .. | .. | .. |
| 12,158 | 48 | 338 | 11,772 | VI. Contribution to Provident Institution. | 11,852 | 338 | 43 | 19 | 12,252 |
| 4,407 | 17 | 123 | 4,267 | VII. Miscellaneous .. .. | 14,599 | 416 | 54 | 23 | 15,092 |
| 36,970 | 144 | 1,029 | 35,797 | Total .. | 39,156 | 1,116 | 144 | 62 | 40,478 |

*IV. Payment to other lines—Decrease Rs.* 8,238.—The net result of rent of stations jointly occupied was a credit entry of Rs. 13,924 as noted below and was treated as earnings under Abstract K :—

| | Rs. | A. | P. |
|---|---|---|---|
| Rent of buildings recovered from the Mayavaram-Mutupet Railway in arrears at the junction stations of Mayavaram and Tiruvalur ... ... ... ... ... ... ... | 18,479 | 8 | 11 |
| Rent of buildings payable to other railways ... ... ... | 4,555 | 4 | 0 |
| | 13,924 | 4 | 11 |

*VII. Miscellaneous—Increase Rs.* 10,332.—Under this head is included the cost of the Erode-Nanjangode Railway survey incurred during the half year under review.

43. *Statement of Train Mileage, Form No. XIV.*—The miscellaneous engine mileage, 303,117, was 18·54 per cent. of the total train mileage, 1,635,210 against 17·31 per cent. in the corresponding period of 1897.

44. *Statement of Outstanding Earnings, Form No. XVI.*—The earnings outstanding on the date of the preparation of the statement were Rs. 8,971–4–6, of which Rs. 476 have since been recovered and steps have been taken for the recovery of the balance.

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Order—No. 1381 Ry., dated 10th November 1898.

Ordered that the note by the Chief Auditor on the Capital and Revenue Accounts of the South Indian Railway for the half-year ended the 30th June 1898, be forwarded to the Government of India and to the Secretary of State in continuation of G.O., No. 1188 Ry., dated 29th September 1898.

[Here enter No. 1382 Ry., dated 10th November 1898.]

(True Extract.)

Francis J. E. Spring,
Joint Secretary.

To the Agent, South Indian Railway.
" Examiner of Railway Accounts, Madras.
" Consulting Engineer for Railways.

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Endorsement—No. 1382 Ry., dated 10th November 1898.

Forwarded.

(By order.)

Francis J. E. Spring,
Joint Secretary.

Exd. Shaik Karim.

# Government of Madras.

*PUBLIC WORKS DEPARTMENT.*

(Copy.)

## Letter to the Right Honourable the Secretary of State for India.

No. $\frac{25}{1381 \text{ Ry.}}$, dated 10th November 1898.

Forwarding copy of Proceedings embodying a note by the Chief Auditor on the Capital and Revenue Accounts, South Indian Railway, for the half-year ended the 30th June 1898.

RAILWAY.

# Government {1898} of Madras.

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*Recd.* }1898. *Enclosures*

*Regd.* *Spare copies*

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The outlay on "Land" included an arrear charge of Rs. 13,694 being the capitalized value of abatement of land revenue ordered by the Government of India to be transferred to direct outlay—*vide* their No. 46 A.R. of 13th January 1898.

The expenditure under "Ballast and Permanent-way" and "Stations and Buildings" was chiefly incurred in connection with the Gudur station arrangements sanctioned by the Government of India in their No. 2006 R.C., dated 15th December 1897.

2. *Statements VI and XVIII.*—The total capital outlay to end of June 1898, including suspense accounts was Rs. 7,66,13,490 and excluding Suspense Accounts Rs. 7,43,21,374. The latter figure gives on the total open mileage of 1,041·59 an average cost of Rs. 71,354 per mile.

REVENUE.

3. *General Results.*—The following table shows the general results of the working :—

| —— | First-half of 1897. | First-half of 1898. | Increase or Decrease. | Percentage of increase or decrease. |
|---|---|---|---|---|
| | MILES. | MILES. | MILES. | |
| Mean mileage worked | 1,041·59 | 1,041·59 | .. | .. |
| Train mileage .. .. .. .. .. | 1,744,051 | 1,635,210 | — 108,841 | — 6·24 |
| | No. | No. | No. | |
| Average number of trains over the whole line daily in both directions .. .. .. .. .. .. | 9·25 | 8·67 | — 0·58 | .. |
| | RS. | RS. | RS. | |
| Gross earnings .. .. .. .. .. | 46,24,064 | 43,49,055 | — 2,75,009 | — 5·35 |
| Working expenses .. .. .. .. .. | 23,96,752 | 23,10,950 | — 85,802 | — 3·58 |
| Net earnings .. | 22,27,312 | 20,38,105 | — 1,89,207 | — 8·49 |
| Percentage of working expenses to gross earnings .. | 51·83 | 53·14 | + 1·31 | .. |
| Percentage of net earnings on capital outlay including suspense .. .. .. .. .. .. | 2·89 | 2·66 | — 0·23 | .. |



4. The gross earnings per mean mile worked per week averaged Rs. 160·59 against Rs. 170·75, and were realised at a cost of 53·14 per cent. against 51·83 per cent. during the corresponding period of 1897.

5. The net earnings with the adjustments shown in statement XIX give, after deducting interest charges and the additional contribution to Provident Fund, a surplus of Rs. 8,08,022, of which the Company's share is Rs. 1,47,653 and Government's, Rs. 6,60,369.

6. The contribution to the Provident Institution during the half-year was Rupees 20,279 as under :—

| | | |
|---|---|---|
| Fifty per cent. of compulsory deductions charged to Working Expenses | Rs. | 12,252 |
| Additional contribution as per surplus profits statement No. XIX ... | „ | 8,027 |
| Total ... | Rs. | 20,279 |

7. *Gross Earnings.*—The following table shows the gross earnings for the two half-years :—

| —— | First-half of 1897. | First-half of 1898. | Increase or decrease in amount. | Percentage of increase or decrease. |
|---|---|---|---|---|
| | RS. | RS. | RS. | |
| Coaching .. .. .. .. .. .. .. | 25,92,076 | 23,32,919 | — 2,59,157 | — 10·00 |
| Goods .. .. .. .. .. .. .. | 19,30,286 | 18,35,746 | — 94,540 | — 4·90 |
| Electric Telegraph .. .. .. .. .. | 10,867 | 10,626 | — 241 | — 2·22 |
| Sundries .. .. .. .. .. .. .. | 90,835 | 1,69,764 | + 78,929 | + 86·89 |
| Total .. | 46,24,064 | 43,49,055 | — 2,75,009 | — 5·95 |

8. *Abstract H—Coaching Traffic.*—The number of passengers carried in the various classes including troops, police, and season ticket holders, and the earnings therefrom compare as follows :—

| —— | First-class. | | Second-class. | | Third-class. | | Total. | |
|---|---|---|---|---|---|---|---|---|
| | Number. | Earnings. | Number. | Earnings. | Number | Earnings. | Number. | Earnings. |
| | | RS. | | RS. | | RS. | | RS. |
| First-half of 1897 .. | 12,501 | 41,268 | 111,862 | 95,633 | 6,449,954 | 23,32,476 | 6,574,317 | 24,69,377 |
| First-half of 1898 .. | 10,504 | 41,484 | 59,607 | 82,312 | 5,965,254 | 20,78,886 | 6,035,365 | 22,02,682 |
| Increase .. .. | .. | 216 | .. | .. | .. | .. | .. | .. |
| Decrease .. .. | 1,997 | .. | 52,255 | 13,321 | 484,700 | 2,53,590 | 538,952 | 2,66,695 |

9. The corresponding period included the abnormal traffic on account of the Mahamagam festival at Kumbakonam held once in twelve years.

The important annual festivals at Srirangam, Chidambaram and Conjeeveram were not so numerously attended as usual owing to plague precautionary measures and to the unfavorable season.

10. The fall in the second-class traffic is due, in some measure, to the increased fare, but it will be seen from the following that the falling off in the amount earned is not so serious when compared with the smaller number of passengers carried :—

| | Number. | Amount earned. |
|---|---|---|
| | | Rs. |
| First-half of 1895 ... ... ... ... ... | 110,387½ | 89,284 |
| Do. of 1896 ... ... ... ... ... | 113,413⅓ | 95,295 |
| Do. of 1897 ... ... ... ... ... | 111,862 | 95,633 |
| Do. of 1898 ... ... ... ... ... | 59,607 | 82,312 |

11. *Other Coaching Traffic.*—The fluctuations in other coaching traffic are shown in the following table :—

| Sub-head. | Increase. | Decrease. |
|---|---|---|
| | Rs. | Rs. |
| II. Passenger's luggage ... ... ... | ... | 603 |
| III. Military baggage ... ... ... ... | 273 | ... |
| IV. Carriages, horses, dogs, &c. ... ... | ... | 1,879 |
| V. Military carriages, horses, &c. ... .. | 202 | ... |
| VI. Parcels ... ... ... ... ... | 7,577 | ... |
| VII. Special trains ... ... ... ... | 2,804 | ... |
| VIII. Miscellaneous ... ... ... ... | ... | 666 |
| IX. Post office ... ... ... ... ... | ... | 212 |
| Total ... | 10,856 | 3,360 |

12. *Abstract I—Goods Traffic.*—The following is a summary of the tonnage of goods lifted, and the earnings therefrom, as compared with the corresponding period of 1897 :—

| — | First half of 1897. | | First half of 1898. | |
|---|---|---|---|---|
| | Quantity. | Earnings. | Quantity. | Earnings. |
| | tons. | Rs. | tons. | Rs. |
| Merchandise, general .. .. .. .. | 441,077 | 18,41,038 | 364,813 | 17,36,263 |
| Military stores .. .. .. .. .. | 71 | 1,859 | 295 | 2,639 |
| Railway materials for construction .. .. .. | 18,205 | 5,821 | 52,438 | 8,621 |
| Coal .. .. .. .. .. .. | 18,569 | 25,619 | 20,381 | 24,639 |
| Revenue stores .. .. .. .. .. | 177,888 | 45,035 | 346,128 | 47,994 |
| Other goods traffic .. .. .. .. .. | .. | 10,991 | .. | 15,590 |
| Total .. | 655,810 | 19,30,363 | 784,055 | 18,35,746 |
| *Less*—Outstandings irrecoverable .. .. | .. | 77 | .. | .. |
| Total .. | 655,810 | 19,30,286 | 784,055 | 18,35,746 |

13. *Merchandise, general.*—The traffic under this head shows the following results as compared with the corresponding period of 1897 :—

| | Decrease. | | Per cent. |
|---|---|---|---|
| Tonnage ... ... ... ... ... ... | 76,264 | or | 17·29 |
| Ton mileage ... ... ... ... ... ... | 2,071,024 | or | 5·52 |
| Earnings ... ... ... ... ... ... | 1,04,775 | or | 5·69 |

14. The average rate charged per ton per mile was 9·41 pies against 9·43 pies in the corresponding period of 1897.

15. *Railway materials for construction—Increase of tons* 34,233 *and Rs.* 2,800—Due to a greater quantity of ballast carried.

16. *Revenue stores—Increase of tons* 168,240 *and Rs.* 2,959—Chiefly on account of ballast carried for maintenance of the line.



17. The following table shows some of the principal commodities included above under the head of "Merchandise, general" carried during the two half-years under comparison :—

| — | First half of 1897. | | First half of 1898. | |
|---|---|---|---|---|
| | Quantity. | Amount. | Quantity. | Amount. |
| | tons. | Rs. | tons. | Rs. |
| Cotton, raw .. .. .. .. .. | 7,581 | 45,415 | 8,932 | 56,585 |
| Cotton, manufactured .. .. .. .. | 8,922 | 1,05,649 | 8,924 | 98,709 |
| Dyes and tans .. .. .. .. .. | 6,250 | 53,560 | 5,624 | 49,601 |
| Grain and pulse .. .. .. .. .. | 130,993 | 4,21,340 | 86,070 | 3,16,829 |
| Hides and skins .. .. .. .. .. | 4,298 | 43,580 | 4,815 | 47,300 |
| Jute .. .. .. .. .. .. | 3,988 | 24,330 | 3,099 | 20,467 |
| Metals .. .. .. .. .. .. | 6,175 | 57,604 | 7,389 | 71,184 |
| Oils .. .. .. .. .. .. | 9,454 | 61,949 | 9,425 | 66,672 |
| Oil-seeds .. .. .. .. .. .. | 15,272 | 61,246 | 12,614 | 60,501 |
| Provisions .. .. .. .. .. .. | 14,519 | 87,562 | 12,452 | 72,660 |
| Railway plant and rolling-stock .. .. .. | 16,884 | 45,633 | 5,229 | 13,819 |
| Salt .. .. .. .. .. .. | 32,727 | 1,21,607 | 29,818 | 1,07,982 |
| Spices .. .. .. .. .. .. | 8,484 | 68,347 | 8,714 | 75,877 |
| Stone and lime .. .. .. .. .. | 54,965 | 69,194 | 42,040 | 55,930 |
| Sugar .. .. .. .. .. .. | 28,269 | 1,60,303 | 27,286 | 1,59,808 |
| Timber .. .. .. .. .. .. | 30,978 | 56,698 | 28,519 | 48,920 |
| Tobacco .. .. .. .. .. .. | 3,823 | 21,154 | 3,701 | 21,996 |
| All other articles of merchandise .. .. .. | 53,477 | 2,99,199 | 56,629 | 3,60,750 |

18. *Cotton, raw—Increase of tons* 1,351 *and Rs.* 11,120.—The increase was in loose cotton from Virudupatti to Tuticorin for use in the local mills. The cotton crop was better this year than last.

19. *Cotton, manufactured—Increase of tons* 2 *and decrease of Rs.* 6,940.—The decrease in amount principally occurred in "Piece-goods (European)" from Madras to the Tanjore and Southern districts where the demand was less than in the corresponding period.

20. *Grain and Pulse—Decrease of tons* 44,923 *and Rs.* 1,10,511.—Owing to a poor rice crop in the North Arcot, Tanjore, Trichinopoly, Madura and Tinnevelly districts, the export of "rice not in the husk" was considerably below that of the 1897 period.

Bengal and Rangoon rice was to some extent imported at Negapatam and railed to the interior, thus in a measure compensating for the loss of this traffic in the home districts.

There was also little traffic from Trichinopoly, Karur and Tiruvannamalai in "Grain and pulse", due to the failure of crops.

21. *Metals—Increase of tons* 1,214 *and Rs.* 13,580.—The increase was chiefly in bar iron, &c., from Madras to the Tanjore, Trichinopoly and the Southern districts for manufacturing agricultural implements.

22. *Oils—Decrease of tons* 29 *and increase of Rs.* 4,723.—There was a large increase in the quantity carried and amount earned under "Kerosine-oil in bulk", while "Castor," "Cocoanut" and other oils showed considerably decreased results owing to failure of crops.

23. *Provisions—Decrease of tons* 2,067 *and Rs.* 15,002.—The decrease was under the head "Others" chiefly in tamarinds from the Cuddapah and North Arcot districts to the Tanjore and Southern districts, the crop being below the average.

24. *Railway Plant and Rolling Stock—Decrease of tons* 11,655 *and Rs.* 31,814.—In the corresponding period of 1897 there was exceptional traffic in rails, girders, and sleepers carried from Rayapuram and Ennur to Gudur, Venkatachalam and Nellore for the Madras-Bezwada Railway.

25. *Salt—Decrease of tons* 2,909 *and Rs.* 13,625.—Salt from Tuticorin was carried to the interior districts largely on country carts, as a large number of bullocks was set free from cultivation owing to want of rain.

The stations on the Madras and Southern Mahratta Railways obtained supplies from the West Coast instead of from Nellore.

26. *Spices—Increase of tons* 230 *and Rs.* 7,530.—Nearly the whole of this increase was under "Chillies" from Karur and Erode to the Tanjore and the North and South Arcot districts, the crops being good.

27. *Stone and Lime—Decrease of tons* 12,925 *and Rs.* 13,264.—The decrease was in stone from Tirupati to Gudur and Nellore for the Madras-Bezwada Railway which is nearing completion.

28. *Timber—Decrease of tons* 2,459 *and Rs.* 7,778.—The decrease was in "Wooden sleepers" for the Peralam-Karaikkal Railway since completed and in "Firewood" for different mills, coal being used instead.

29. *All other Articles of Merchandise—Increase of tons* 3,152 *and Rs.* 61,551.—The increase was under cocoanuts, cotton seeds, fibre, plantains and oil-cakes.

The crop of cocoanuts in the Tanjore and Trichinopoly districts this year was considerably over the average.

30. *Working Expenses.*—The working expenses of the two half-years compared as follow:—

| — | First half of 1897. | | First half of 1898. | | Increase or decrease in amount. | Percentage of increase or decrease. |
|---|---|---|---|---|---|---|
| | Amount. | Percentage on gross earnings. | Amount. | Percentage on gross earnings. | | |
| | Rs. | | Rs. | | Rs. | |
| Maintenance .. .. .. | 5,37,659 | 11·63 | 4,63,737 | 10·66 | — 73,922 | — 13·75 |
| Locomotive .. .. .. | 8,42,171 | 18·21 | 8,43,098 | 19·39 | + 927 | + 0·11 |
| Carriage and wagon .. .. | 2,65,895 | 5·75 | 2,56,386 | 5·89 | — 9,509 | — 3·58 |
| Traffic .. .. .. .. | 4,04,249 | 8·74 | 3,97,732 | 9·15 | — 6,517 | — 1·61 |
| General charges .. .. .. | 3,10,981 | 6·73 | 3,10,841 | 7·15 | — 140 | — 0·05 |
| Steam-boat earnings .. .. | .. | .. | .. | .. | .. | .. |
| Special and miscellaneous .. .. | 35,797 | 0·77 | 39,156 | 0 90 | + 3,359 | + 9·38 |
| Total .. | 23,96,752 | 51·83 | 23,10,950 | 53·14 | — 85,802 | — 3·58 |

31. To admit of ready comparison being made, the proportionate expenditure under each minor head chargeable to the South Indian, Mayavaram-Mutupet, Pondicherry, and the Peralam-Karaikkal Railways is shown in the annexed tables:—

32. *Abstract A.—Maintenance of Way, Works, and Stations—Decrease Rs.* 73,922.

| June 1897. | | | | — | June 1898. | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | | South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karaikkal Railway. | Total. |
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1,21,819 | 473 | 3,392 | 1,17,954 | I. General superintendence .. | 1,09,990 | 3,134 | 405 | 174 | 1,13,703 |
| 3,61,816 | 1,405 | 10,075 | 3,50,336 | II. Maintenance and renewal of permanent-way .. .. | 3,01,195 | 8,584 | 1,110 | 474 | 3,11,363 |
| 52,180 | 202 | 1,453 | 50,525 | III. Repairs of bridges, &c., wages and materials .. .. | 36,902 | 1,052 | 136 | 57 | 38,147 |
| .. | .. | .. | .. | III A. Conservancy of rivers, &c. | .. | .. | .. | .. | .. |
| 38,283 | 149 | 1,066 | 37,068 | IV. Repairs of stations and buildings, wages and materials .. | 21,765 | 620 | 80 | 35 | 22,500 |
| .. | .. | .. | .. | V. Maintenance by contract .. | .. | .. | .. | .. | .. |
| 9,494 | 37 | 264 | 9,193 | VI. New minor works .. .. | 3,906 | 111 | 14 | 7 | 4,038 |
| 43,703 | 170 | 1,217 | 42,316 | VII. Unclassified expenditure .. | 29,854 | 851 | 110 | 47 | 30,862 |
| 6,27,295 | 2,436 | 17,467 | 6,07,392 | Total .. | 5,03,612 | 14,352 | 1,855 | 794 | 5,20,613 |
| 72,018 | 280 | 2,005 | 69,733 | *Deduct*—Value of stores returned to stock .. | 39,875 | 1,136 | 146 | 64 | 41,221 |
| 5,55,277 | 2,156 | 15,462 | 5,37,659 | Total .. | 4,63,737 | 13,216 | 1,709 | 730 | 4,79,392 |



*I. General superintendence—Decrease Rs.* 7,964.—Some of the inspectors on high pay left the service and men on lower salaries were appointed. The number of sub-inspectors was reduced. The debit on account of stationery and office stores was less than in the 1897 period.

*II. Maintenance and Renewal of Permanent-way—Decrease Rs.* 49,141.—The decrease was under "Materials" and was principally due to falling off in the ordinary renewals. There was only one mile of special renewals with 50 lb. rails this half-year against 6·39 miles in the corresponding period of 1897; the short outlay on this account was counterbalanced by that incurred on the insertion of additional tie-bars and renewals of cast iron cushions.

*III. Repairs of bridges, &c.—Decrease Rs.* 13,623.—This was chiefly under (1) "bridges and tunnels" and was due to a reduction in the ordinary expenditure. The cross sleepering of 30 feet, 50 feet, and 70 feet bridges, was less than in 1897 owing to difficulty in obtaining sleepers.

*Repairs of Stations and Buildings—Decrease Rs.* 15,303.—The corresponding period included outlay on special items such as renewals of 40 chimneys in smiths' shop, Negapatam, scraping and painting roofs at certain stations, and the substitution of iron distant signals for wooden ones at two stations.

*Unclassified Expenditure—Decrease Rs.* 12,462.—Due to fewer renewals and less quantity of materials carried.

*Stores returned to Stock—Decrease Rs.* 29,858.—There was only one mile renewed with 50 lb. rails against 6·39 in the 1897 period and consequently a smaller quantity of materials was removed from the line and returned to stores.

33. The cost of maintaining a mile of single track including sidings was Rs. 394·56 against Rs. 457·43 in the corresponding period of 1897.

34. *Abstract B—Locomotive Expenses—Increase Rs.* 927—

| June 1897. | | | | — | June 1898. | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | | South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karaikkal Railway. | Total. |
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 69,927 | 271 | 1,947 | 67,709 | I. General superintendence .. | 62,801 | 1,790 | 231 | 99 | 64,921 |
| 1,65,766 | 644 | 4,616 | 1,60,506 | II. Running expenses .. .. | 1,62,403 | 4,628 | 599 | 256 | 1,67,886 |
| 3,92,397 | 1,523 | 10,927 | 3,79,947 | III. Fuel .. .. .. | 3,43,189 | 9,780 | 1,265 | 538 | 3,54,772 |
| 17,622 | 68 | 491 | 17,063 | IV. Water .. .. .. | 21,013 | 599 | 77 | 34 | 21,723 |
| 36,768 | 143 | 1,024 | 35,601 | V. Oil, tallow and other stores .. | 36,698 | 1,046 | 135 | 58 | 37,937 |
| 1,58,051 | 614 | 4,401 | 1,53,036 | VI. Maintenance and renewal of locomotive engines .. | 2,00,066 | 5,701 | 737 | 316 | 2,06,820 |
| 2,040 | 8 | 57 | 1,975 | VI-A. Maintenance and renewal of machinery, etc. .. | 4,559 | 130 | 17 | 7 | 4,713 |
| .. | .. | .. | .. | VII. New minor works .. | .. | 26 | 1 | .. | 27 |
| .. | .. | .. | .. | VIII. Payments to other lines .. | 19,001 | 541 | 70 | 31 | 19,643 |
| 31,929 | 124 | 889 | 30,916 | IX. Unclassified expenditure .. | | | | | |
| 8,74,500 | 3,395 | 24,352 | 8,46,753 | Total .. | 8,49,704 | 24,214 | 3,131 | 1,339 | 8,78,388 |
| 4,732 | 18 | 132 | 4,582 | *Deduct*— Value of stores returned to stock .. | 6,606 | 188 | 24 | 11 | 6,829 |
| 8,69,768 | 3,377 | 24,220 | 8,42,171 | Total .. | 8,43,098 | 24,026 | 3,107 | 1,328 | 8,71,559 |

*III. Fuel—Decrease Rs.* 36,758.—Chiefly due to less number of trains run and to the cheaper rates at which coal was obtained (viz.) Rs. 12–10–3 per ton against Rs. 13–4–10 in the corresponding period of 1897.

*Maintenance and Renewals of Locomotive Engines—Increase Rs.* 47,030.—Rs. 14,326 were charged to this head under orders of the Consulting Engineer on account of the difference in value of an "O" class engine sanctioned and constructed against capital but treated as in replacement of the "F" class engine sold to the Uganda Railway.

The ordinary repairs and renewals were also heavy.

*Unclassified Expenditure—Decrease Rs.* 11,915.—Chiefly due to the write back in the current half year of a debit in December 1897 on account of loss on sale of engine tenders taken as a set-off against the gross profits in Abstract K.

35. The locomotive expenses per train mile were As. 8·25 against As. 7·73 and per engine mile As. 6·96 against As. 6·59.

36. *Abstract C—Carriage and Wagon Expenses—Decrease Rs.* 9,509—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karaikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 23,309 | 90 | 649 | 22,570 | I. General superintendence .. | 20,933 | 597 | 77 | 33 | 21,640 |
| | | | | II. Repairs and renewals of vehicles— | | | | | |
| 1,32,587 | 515 | 3,692 | 1,28,380 | Coaching vehicles .. .. | 1,39,007 | 3,961 | 512 | 219 | 1,43,699 |
| 95,306 | 370 | 2,654 | 92,282 | Goods vehicles .. .. | 74,379 | 2,120 | 274 | 117 | 76,890 |
| 4 | .. | .. | 4 | II-A. Repairs and renewals of machinery, tools and plant .. | .. | .. | .. | .. | .. |
| 22,112 | 86 | 616 | 21,410 | III. Cleaning carriages and wagons and oiling .. .. | 21,950 | 625 | 81 | 35 | 22,691 |
| 982 | 4 | 27 | 951 | IV. New minor works .. .. | .. | .. | .. | .. | .. |
| 613 | 2 | 17 | 594 | V. Unclassified expenditure .. | 3,897 | 111 | 15 | 6 | 4,029 |
| 2,74,913 | 1,067 | 7,655 | 2,66,191 | Total .. | 2,60,166 | 7,414 | 959 | 410 | 2,68,949 |
| 305 | 1 | 8 | 296 | *Deduct*—Value of stores returned to stock .. .. .. | 3,780 | 108 | 14 | 6 | 3,908 |
| 2,74,608 | 1,066 | 7,647 | 2,65,895 | Total .. | 2,56,386 | 7,306 | 945 | 404 | 2,65,041 |

*II. Repairs and Renewals of Vehicles—Decrease Rs.* 7,276.—Only 29½ sets of Jones' buffers were fitted during the half year under review against 111 sets in the corresponding half year. Ordinary repairs of coaching vehicles were more and those of goods vehicles less than in the 1897 period.

37. The carriage and wagon expenses per train mile amounted to As. 2·51 against As. 2·44 and Rs. 7·81 per 1,000 vehicle miles against Rs. 7·76.

38. *Abstract D—Traffic Expenses—Decrease Rs.* 6,517—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karaikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| | | | | I. Salaries, wages, &c.— | | | | | |
| 54,889 | 213 | 1,528 | 53,148 | (*a*) General superintendence. | 51,197 | 1,459 | 189 | 80 | 52,925 |
| 1,80,188 | 700 | 5,018 | 1,74,470 | (*b*) Station staff .. .. | 1,77,070 | 5,046 | 653 | 279 | 1,83,048 |
| 43,399 | 169 | 1,208 | 42,022 | (*c*) Train staff .. .. | 41,994 | 1,197 | 155 | 66 | 43,412 |
| 64,698 | 251 | 1,802 | 62,645 | II. Fuel, lighting, water, and general stores .. .. .. | 53,856 | 1,535 | 198 | 85 | 55,674 |
| 4,423 | 17 | 123 | 4,283 | III. Clothing .. .. .. | 2,861 | 82 | 11 | 3 | 2,957 |
| 59,058 | 229 | 1,645 | 57,184 | IV. Printing, stationery and tickets. | 58,476 | 1,666 | 215 | 93 | 60,450 |
| .. | .. | .. | .. | V. Charges for delivery and collection of goods .. .. | 6 | .. | .. | .. | 6 |
| 3,075 | 12 | 86 | 2,977 | VI. Miscellaneous expenses .. | 2,568 | 73 | 9 | 5 | 2,655 |
| 8,398 | 33 | 234 | 8,131 | VII. Payments to other lines .. | 7,516 | 214 | 28 | 12 | 7,770 |
| 40 | .. | 1 | 39 | VIII. Unclassified expenditure .. | 2,371 | 68 | 9 | 3 | 2,451 |
| 4,18,168 | 1,624 | 11,645 | 4,04,899 | Total .. | 3,97,915 | 11,340 | 1,467 | 626 | 4,11,348 |
| 672 | 3 | 19 | 650 | *Deduct*—Value of stores returned to stock .. .. .. | 183 | 5 | 1 | .. | 189 |
| 4,17,496 | 1,621 | 11,626 | 4,04,249 | Total .. | 3,97,732 | 11,335 | 1,466 | 626 | 4,11,159 |



The decrease in this abstract is explained by the fact that, in the first half of 1897, under II "Fuel, Lighting, Water and general stores" special large issues of oil, stores, station furniture and equipment were included owing to the Mahamagam festival.

39. The charges for station and train staff, the tonnage of goods lifted, and the ton miles of goods carried compare as follows:—

| — | First-half of 1897. | First-half of 1898. | Increase or decrease. | Percentage of increase or decrease. |
|---|---|---|---|---|
| | Tons. | Tons. | Tons. | |
| Tonnage of goods .. .. .. .. .. | 655,810 | 784,055 | + 128,245 | + 19·56 |
| | Ton miles. | Ton miles. | Ton miles. | |
| Ton miles of goods .. .. .. .. .. | 42,969,024 | 41,436,198 | — 1,532,826 | — 3·57 |
| | Rs. | Rs. | Rs. | |
| Station staff .. .. .. .. .. | 1,74,470 | 1,77,070 | + 2,600 | + 1·49 |
| Train staff .. .. .. .. .. | 42,022 | 41,994 | — 28 | — 0·07 |

40. The total cost of the department averaged As. 3·89 against As. 3·71 per train mile in the corresponding previous half year.

41. *Abstract E—General Charges—Decrease Rs.* 140—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karaikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 48,622 | 189 | 1,354 | 47,079 | I. General administration .. | 42,853 | 1,221 | 158 | 68 | 44,300 |
| 41,664 | 162 | 1,160 | 40,342 | I-A. Government supervision, audit and control. | 40,639 | 1,158 | 150 | 64 | 42,011 |
| 1,47,106 | 571 | 4,096 | 1,42,439 | II. Salaries of Indian management including offices. | 1,48,146 | 4,222 | 545 | 234 | 1,53,147 |
| 20,815 | 80 | 580 | 20,155 | III. Police .. .. .. | 21,402 | 610 | 79 | 33 | 22,124 |
| 2,338 | 9 | 65 | 2,264 | IV. Advertising .. .. | 725 | 20 | 3 | 1 | 749 |
| 60,025 | 233 | 1,671 | 58,121 | V. Electric telegraph .. .. | 57,752 | 1,646 | 213 | 90 | 59,701 |
| .. | .. | .. | .. | VI. Clearing accounts with other lines. | .. | .. | .. | .. | .. |
| .. | 3 | 19 | 670 | VII. Unclassified expenditure .. | 17 | 1 | .. | .. | 18 |
| 692 | | | | Total .. | 3,11,534 | 8,878 | 1,148 | 490 | 3,22,050 |
| 3,21,262 | 1,247 | 8,945 | 3,11,070 | | 693 | 20 | 3 | .. | 716 |
| 91 | .. | 2 | 89 | *Deduct*—Value of stores returned to stock. | | | | | |
| 3,21,171 | 1,247 | 8,943 | 3,10,981 | Total .. | 3,10,841 | 8,858 | 1,145 | 490 | 3,21,334 |

The net decrease is small and calls for no special remarks.

42. *Abstract G—Special and Miscellaneous Expenditure—Increase Rs.* 3,359—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karaikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 205 | .. | 1 | 204 | I. Law charges .. .. | 198 | 6 | 1 | .. | 205 |
| 2,167 | 9 | 60 | 2,098 | II. Compensation .. .. | 816 | 23 | 3 | 1 | 843 |
| 2,708 | 10 | 76 | 2,622 | III. Rates and taxes .. .. | 11,627 | 331 | 43 | 19 | 12,020 |
| 6,956 | 27 | 193 | 6,736 | IV. Payments to other lines .. | 64 | 2 | .. | .. | 66 |
| 8,574 | 33 | 239 | 8,302 | V. Prizes for station gardens, &c. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | VI. Contribution to Provident Institution. | 11,852 | 338 | 43 | 19 | 12,252 |
| 12,158 | 48 | 338 | 11,772 | VII. Miscellaneous .. .. | 14,599 | 416 | 54 | 23 | 15,092 |
| 4,407 | 17 | 123 | 4,267 | Total .. | 39,156 | 1,116 | 144 | 62 | 40,478 |
| 36,970 | 144 | 1,029 | 35,797 | | | | | | |

*IV. Payment to other lines—Decrease Rs.* 8,238.—The net result of rent of stations jointly occupied was a credit entry of Rs. 13,924 as noted below and was treated as earnings under Abstract K :—

| | Rs. | A. | P. |
|---|---|---|---|
| Rent of buildings recovered from the Mayavaram-Mutupet Railway in arrears at the junction stations of Mayavaram and Tiruvalur ... ... ... ... ... ... | 18,479 | 8 | 11 |
| Rent of buildings payable to other railways ... ... ... | 4,555 | 4 | 0 |
| | 13,924 | 4 | 11 |

*VII. Miscellaneous—Increase Rs.* 10,332.—Under this head is included the cost of the Erode-Nanjangode Railway survey incurred during the half year under review.

43. *Statement of Train Mileage, Form No. XIV.*—The miscellaneous engine mileage, 303,117, was 18·54 per cent. of the total train mileage, 1,635,210 against 17·31 per cent. in the corresponding period of 1897.

44. *Statement of Outstanding Earnings, Form No. XVI.*—The earnings outstanding on the date of the preparation of the statement were Rs. 8,971-4-6, of which Rs. 476 have since been recovered and steps have been taken for the recovery of the balance.

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Order—No. 1381 Ry., dated 10th November 1898.

Ordered that the note by the Chief Auditor on the Capital and Revenue Accounts of the South Indian Railway for the half-year ended the 30th June 1898, be forwarded to the Government of India and to the Secretary of State in continuation of G.O., No. 1188 Ry., dated 29th September 1898.

[Here enter No. 1382 Ry., dated 10th November 1898.]

(True Extract.)

Francis J. E. Spring,
Joint Secretary.

To the Agent, South Indian Railway.
" Examiner of Railway Accounts, Madras.
" Consulting Engineer for Railways.

Exd. Shaik Karim.



## PUBLIC WORKS DEPARTMENT.

Letter—to

The Right Honourable the Secretary of State for India.

My Lord,

In continuation of our despatch No. $\frac{18}{1188\ Ry.}$, dated 29th September 1898, we have the honour to forward herewith copy of a note by the Chief Auditor on the Capital and Revenue Accounts of the South Indian Railway for the half-year ended the 30th June 1898.

We have the honour to be,

My Lord,

Your Lordship's most obedient, humble servants,

(Signed) A. E. HAVELOCK.
( " ) H. W. BLISS.
( " ) A. T. ARUNDEL.

Fort St. George,
10th November 1898.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

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DESPATCH

FOR SIGNATURE

OF

HIS EXCELLENCY THE GOVERNOR

AND

MEMBERS OF GOVERNMENT.

*(With Original).*

RAILWAY.

# Government {1898} of Madras.

## PUBLIC WORKS.

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| *Regd.* | | *Spare copies* |

**G.O., Nos. , Ry., November 1898.**

## NOVEMBER.

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**Capital and Revenue Accounts, South Indian Railway**

Forwarding copy of Proceedings embodying a note by the Chief Auditor on the — for the half-year ended the 30th June 1898.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following papers :—

From—The Agent, South Indian Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—Trichinopoly, 14th October 1898, No. 938.

*Note by the Chief Auditor, South Indian Railway, on the Capital and Revenue Accounts for the half-year ending 30th June 1898.*

CAPITAL.

*Statement V.*—The Capital expenditure for the half-year amounted to Rs. 72,887, of which Rs. 19,725 was on "Land," Rs. 14,488 on "Ballast and Permanent-way," and Rs. 28,307 on "Stations and Buildings."

The outlay on "Land" included an arrear charge of Rs. 13,694 being the capitalized value of abatement of land revenue ordered by the Government of India to be transferred to direct outlay—*vide* their No. 46 A.R. of 13th January 1898.

The expenditure under "Ballast and Permanent-way" and "Stations and Buildings" was chiefly incurred in connection with the Gudur station arrangements sanctioned by the Government of India in their No. 2006 R.C., dated 15th December 1897.

2. *Statements VI and XVIII.*—The total capital outlay to end of June 1898, including suspense accounts was Rs. 7,66,13,490 and excluding Suspense Accounts Rs. 7,45,21,374. The latter figure gives on the total open mileage of 1,041·59 an average cost of Rs. 71,354 per mile.

REVENUE.

3. *General Results.*—The following table shows the general results of the working :—

| —— | First-half of 1897. | First-half of 1898. | Increase or Decrease. | Percentage of increase or decrease. |
|---|---|---|---|---|
| | MILES. | MILES. | MILES. | |
| Mean mileage worked | 1,041·59 | 1,041·59 | .. | .. |
| Train mileage | 1,744,051 | 1,635,210 | — 108,841 | — 6·24 |
| | No. | No. | No. | |
| Average number of trains over the whole line daily in both directions | 9·25 | 8·67 | — ·58 | .. |
| | RS. | RS. | RS. | |
| Gross earnings | 46,24,064 | 43,49,055 | — 2,75,009 | — 5·95 |
| Working expenses | 23,96,752 | 23,10,950 | — 85,802 | — 3·58 |
| Net earnings | 22,27,312 | 20,38,105 | — 1,89,207 | — 8·49 |
| Percentage of working expenses to gross earnings | 51·83 | 53·14 | + 1·31 | .. |
| Percentage of net earnings on capital outlay including suspense | 2·89 | 2·66 | — ·23 | .. |



4. The gross earnings per mean mile worked per week averaged Rs. 160·59 against Rs. 170·75, and were realised at a cost of 53·14 per cent. against 51·83 per cent. during the corresponding period of 1897.

5. The net earnings with the adjustments shown in statement XIX give, after deducting interest charges and the additional contribution to Provident fund, a surplus of Rs. 8,08,022, of which the Company's share is Rs. 1,47,653 and Government's, Rs. 6,60,369.

6. The contribution to the Provident Institution during the half-year was Rupees 20,279 as under :—

| | RS. |
|---|---|
| Fifty per cent. of compulsory deductions charged to Working Expenses | 12,252 |
| Additional contribution as per surplus profits statement No. XIX ... | 8,027 |
| Total ... | 20,279 |

7. *Gross Earnings.*—The following table shows the gross earnings for the two half-years :—

| —— | First-half of 1897. | First-half of 1898. | Increase or decrease in amount. | Percentage of increase or decrease. |
|---|---|---|---|---|
| | RS. | RS. | RS. | |
| Coaching | 25,92,076 | 23,32,919 | — 2,59,157 | — 10·00 |
| Goods | 19,30,286 | 18,35,746 | — 94,540 | — 4·90 |
| Electric Telegraph | 10,867 | 10,626 | — 241 | — 2·22 |
| Sundries | 90,835 | 1,69,764 | + 78,929 | + 86·89 |
| Total | 46,24,064 | 43,49,055 | — 2,75,009 | — 5·95 |

8. *Abstract H—Coaching Traffic.*—The number of passengers carried in the various classes including troops, police, and season ticket holders, and the earnings therefrom compare as follows :—

| —— | First-class. | | Second-class. | | Third-class. | | Total. | |
|---|---|---|---|---|---|---|---|---|
| | Number. | Earnings. | Number. | Earnings. | Number | Earnings. | Number. | Earnings. |
| | | RS. | | RS. | | RS. | | RS. |
| First-half of 1897 | 12,501 | 41,268 | 111,862 | 95,633 | 6,449,954 | 23,82,476 | 6,574,317 | 24,69,377 |
| First-half of 1898 | 10,504 | 41,484 | 59,607 | 82,312 | 5,965,254 | 20,78,886 | 6,035,365 | 22,02,682 |
| Increase | .. | 216 | .. | .. | .. | .. | .. | .. |
| Decrease | 1,997 | .. | 52,255 | 13,321 | 484,700 | 2,53,590 | 538,952 | 2,66,695 |

9. The corresponding period included the abnormal traffic on account of the Mahamagam festival at Kumbakónam held once in twelve years.

The important annual festivals at Srírangam, Chidambaram and Conjeeveram were not so numerously attended as usual owing to plague precautionary measures and to the unfavorable season.

10. The fall in the second-class traffic is due, in some measure, to the increased fare, but it will be seen from the following that the falling off in the amount earned is not so serious when compared with the smaller number of passengers carried :—

| | Number. | Amount earned. |
|---|---|---|
| | | Rs. |
| First-half of 1895 ... ... ... ... ... | 110,387½ | 89,284 |
| Do. of 1896 ... ... ... ... ... | 113,413½ | 95,295 |
| Do. of 1897 ... ... ... ... ... | 111,862 | 95,633 |
| Do. of 1898 ... ... ... ... ... | 59,607 | 82,312 |

11. *Other Coaching Traffic.*—The fluctuations in other coaching traffic are shown in the following table :—

| Sub-head. | Increase. | Decrease. |
|---|---|---|
| | Rs. | Rs. |
| II. Passenger's luggage ... ... ... | ... | 603 |
| III. Military baggage ... ... ... | 273 | ... |
| IV. Carriages, horses, dogs, &c. ... ... | ... | 1,879 |
| V. Military carriages, horses, &c. ... .. | 202 | ... |
| VI. Parcels ... ... ... ... ... | 7,577 | ... |
| VII. Special trains ... ... ... ... | 2,804 | ... |
| VIII. Miscellaneous ... ... ... ... | ... | 666 |
| IX. Post office ... ... ... ... ... | ... | 212 |
| Total ... | 10,856 | 3,360 |

12. *Abstract I.—Goods Traffic.*—The following is a summary of the tonnage of goods lifted, and the earnings therefrom as compared with the corresponding period of 1897 :—

| | First half of 1897. | | First half of 1898. | |
|---|---|---|---|---|
| | Quantity. | Earnings. | Quantity. | Earnings. |
| | tons. | Rs. | tons. | Rs. |
| Merchandise, general .. .. .. .. | 441,077 | 18,41,038 | 364,813 | 17,36,263 |
| Military stores .. .. .. .. .. | 71 | 1,859 | 295 | 2,639 |
| Railway materials for construction .. .. .. | 18,205 | 5,821 | 52,438 | 8,621 |
| Coal .. .. .. .. .. .. | 18,569 | 25,619 | 20,381 | 24,639 |
| Revenue stores .. .. .. .. .. | 177,888 | 45,035 | 346,128 | 47,994 |
| Other goods traffic .. .. .. .. .. | .. | 10,991 | .. | 15,590 |
| Total .. | 655,810 | 19,30,363 | 784,055 | 18,35,746 |
| *Less*—Outstandings irrecoverable .. .. | .. | 77 | .. | .. |
| Total .. | 655,810 | 19,30,286 | 784,055 | 18,35,746 |

13. *Merchandise, general.*—The traffic under this head shows the following results as compared with the corresponding period of 1897 :—

| | Decrease. | Per cent. |
|---|---|---|
| | Rs. | |
| Tonnage ... ... ... ... ... ... | 76,264 | or 17·29 |
| Ton mileage ... ... ... ... ... ... | 2071,024 | or 5·52 |
| Earnings ... ... ... ... ... ... | 1,04,775 | or 5·69 |

14. The average rate charged per ton per mile was 9·41 pies against 9·43 pies in the corresponding period of 1897.

15. *Railway materials for construction—Increase of tons* 34,233 *and Rs.* 2,800—Due to a greater quantity of ballast carried.

16. *Revenue stores—Increase of tons* 168,240 *and Rs.* 2,959—Chiefly on account of ballast carried for maintenance of the line.



17. The following table shows some of the principal commodities included above under the head of "Merchandise, general" carried during the two half-years under comparison :—

| | First half of 1897. | | First half of 1898. | |
|---|---|---|---|---|
| | Quantity. | Amount. | Quantity. | Amount. |
| | tons. | Rs. | tons. | Rs. |
| Cotton, raw .. .. .. .. .. | 7,581 | 45,415 | 8,932 | 56,535 |
| Cotton, manufactured .. .. .. .. | 8,922 | 1,05,649 | 8,924 | 98,709 |
| Dyes and tans .. .. .. .. .. | 6,250 | 53,560 | 5,624 | 49,601 |
| Grain and pulse .. .. .. .. .. | 150,993 | 4,21,340 | 86,070 | 3,16,829 |
| Hides and skins .. .. .. .. .. | 4,298 | 43,580 | 4,815 | 47,300 |
| Jute .. .. .. .. .. .. | 3,988 | 24,330 | 3,099 | 20,467 |
| Metals .. .. .. .. .. .. | 6,175 | 57,604 | 7,389 | 71,184 |
| Oils .. .. .. .. .. .. | 9,454 | 61,949 | 9,425 | 66,672 |
| Oil-seeds .. .. .. .. .. .. | 15,272 | 61,246 | 12,614 | 60,501 |
| Provisions .. .. .. .. .. .. | 14,519 | 87,562 | 12,452 | 72,560 |
| Railway plant and rolling-stock .. .. .. | 16,884 | 45,633 | 5,229 | 13,819 |
| Salt .. .. .. .. .. .. | 32,727 | 1,21,607 | 29,818 | 1,07,982 |
| Spices .. .. .. .. .. .. | 8,484 | 68,347 | 8,714 | 75,877 |
| Stone and lime .. .. .. .. .. | 54,965 | 69,194 | 42,040 | 55,930 |
| Sugar .. .. .. .. .. .. | 28,259 | 1,60,803 | 27,286 | 1,59,808 |
| Timber .. .. .. .. .. .. | 30,978 | 56,698 | 28,519 | 48,920 |
| Tobacco .. .. .. .. .. .. | 3,823 | 21,154 | 3,701 | 21,996 |
| All other articles of merchandise .. .. .. | 53,477 | 2,99,199 | 56,629 | 3,60,750 |

18. *Cotton, raw—Increase of tons* 1,351 *and Rs.* 11,120.—The increase was in loose cotton from Virudupatti to Tuticorin for use in the local mills. The cotton crop was better this year than last.

19. *Cotton, manufactured—Increase of tons* 2 *and decrease of Rs.* 6,940.—The decrease in amount principally occurred in "Piece-goods (European)" from Madras to the Tanjore and Southern districts where the demand was less than in the corresponding period.

20. *Grain and Pulse—Decrease of tons* 44,923 *and Rs.* 1,10,511.—Owing to a poor rice crop in the North Arcot, Tanjore, Trichinopoly, Madura and Tinnevelly districts, the export of "rice not in the husk" was considerably below that of the 1897 period.

Bengal and Rangoon rice was to some extent imported at Negapatam and railed to the interior, thus in a measure compensating for the loss of this traffic in the home districts.

There was also little traffic from Trichinopoly, Karur and Tiruvannamalai in "Grain and pulse", due to the failure of crops.

21. *Metals—Increase of tons* 1,214 *and Rs.* 13,580.—The increase was chiefly in bar iron, &c., from Madras to the Tanjore, Trichinopoly and the Southern districts for manufacturing agricultural implements.

22. *Oils—Decrease of tons* 29 *and increase of Rs.* 4,723.—There was a large increase in the quantity carried and amount earned under "Kerosine-oil in bulk", while "Castor," "Cocoanut" and other oils showed considerably decreased results owing to failure of crops.

23. *Provisions—Decrease of tons* 2,067 *and Rs.* 15,002.—The decrease was under the head "Others" chiefly in tamarinds from the Cuddapah and North Arcot districts to the Tanjore and Southern districts, the crop being below the average.

24. *Railway Plant and Rolling Stock—Decrease of tons* 11,655 *and Rs.* 31,814.—In the corresponding period of 1897 there was exceptional traffic in rails, girders, and sleepers carried from Rayapuram and Ennur to Gudur, Venkatachalam and Nellore for the Madras-Bezwada Railway.

25. *Salt—Decrease of tons* 2,909 *and Rs.* 13,625.—Salt from Tuticorin was carried to the interior districts largely on country carts, as a large number of bullocks was set free from cultivation owing to want of rain.

The stations on the Madras and Southern Mahratta Railways obtained supplies from the West Coast instead of from Nellore.

26. *Spices—Increase of tons* 230 *and Rs.* 7,530.—Nearly the whole of this increase was under "Chillies" from Karur and Erode to the Tanjore and the North and South Arcot districts, the crops being good.

27. *Stone and Lime—Decrease of tons* 12,925 *and Rs.* 13,264.—The decrease was in stone from Tirupati to Gudur and Nellore for the Madras-Bezwada Railway which is nearing completion.

28. *Timber—Decrease of tons* 2,459 *and Rs.* 7,778.—The decrease was in "Wooden sleepers" for the Peralam-Karikkal Railway since completed and in "Firewood" for different mills, coal being used instead.

29. *All other Articles of Merchandise—Increase of tons* 3,152 *and Rs.* 61,551.—The increase was under cocoanuts, cotton seeds, fibre, plantains and oil-cakes.

The crop of cocoanuts in the Tanjore and Trichinopoly districts this year was considerably over the average.

30. *Working Expenses.*—The working expenses of the two half-years compared as follow:—

| — | First half of 1897. | | First half of 1898. | | Increase or decrease in amount. | Percentage of increase or decrease. |
|---|---|---|---|---|---|---|
| | Amount. | Percentage on gross earnings. | Amount. | Percentage on gross earnings. | | |
| | Rs. | | Rs. | | Rs. | |
| Maintenance .. .. .. | 5,37,659 | 11·63 | 4,63,737 | 10·66 | — 73,922 | — 13·75 |
| Locomotive .. .. .. | 8,42,171 | 18·21 | 8,43,098 | 19·39 | + 927 | + ·11 |
| Carriage and wagon .. .. | 2,65,895 | 5·75 | 2,56,386 | 5·89 | — 9,509 | — 3·58 |
| Traffic .. .. .. | 4,04,249 | 8·74 | 3,97,732 | 9·15 | — 6,517 | — 1·61 |
| General charges .. .. .. | 3,10,981 | 6·73 | 3,10,841 | 7·15 | — 140 | — ·05 |
| Steam-boat earnings .. .. | .. | .. | .. | .. | .. | .. |
| Special and miscellaneous .. .. | 35,797 | 0·77 | 39,156 | ·90 | + 3,359 | + 9·38 |
| Total .. | 23,96,752 | 51·83 | 23,10,950 | 53·14 | — 85,802 | — 3·58 |

31. To admit of ready comparison being made, the proportionate expenditure under each minor head chargeable to the South Indian, Mayavaram-Mutupet, Pondicherry, and the Peralam-Karikkal Railways is shown in the annexed tables:—

32. *Abstract A.—Maintenance of Way, Works, and Stations—Decrease Rs.* 73,922.

| June 1897. | | | | — | June 1898. | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | | South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karikkal Railway. | Total. |
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1,21,819 | 473 | 3,392 | 1,17,954 | I. General superintendence .. | 1,09,990 | 3,134 | 405 | 174 | 1,13,703 |
| 3,01,816 | 1,405 | 10,075 | 3,50,336 | II. Maintenance and renewal of permanent-way .. .. | 3,01,195 | 8,584 | 1,110 | 474 | 3,11,363 |
| 52,180 | 202 | 1,453 | 50,525 | III. Repairs of bridges, &c., wages and materials .. .. | 36,902 | 1,052 | 136 | 57 | 38,147 |
| .. | .. | .. | .. | III A. Conservancy of rivers, &c. | .. | .. | .. | .. | .. |
| 38,283 | 149 | 1,066 | 37,068 | IV. Repairs of stations and buildings, wages and materials .. | 21,765 | 620 | 80 | 35 | 22,500 |
| .. | .. | .. | .. | V. Maintenance by contract .. | .. | .. | .. | .. | .. |
| 9,494 | 37 | 264 | 9,193 | VI. New minor works .. .. | 3,906 | 111 | 14 | 7 | 4,038 |
| 43,703 | 170 | 1,217 | 42,316 | VII. Unclassified expenditure .. | 29,854 | 851 | 110 | 47 | 30,862 |
| 6,27,295 | 2,436 | 17,467 | 6,07,392 | Total .. | 5,03,612 | 14,352 | 1,855 | 794 | 5,20,613 |
| 72,018 | 280 | 2,005 | 69,783 | *Deduct*—Value of stores returned to stock .. | 39,875 | 1,136 | 146 | 64 | 41,221 |
| 5,55,277 | 2,156 | 15,462 | 5,37,659 | Total .. | 4,63,737 | 13,216 | 1,709 | 730 | 4,79,392 |



*I. General superintendence—Decrease Rs.* 7,964.—Some of the inspectors on high pay left the service and men on lower salaries were appointed. The number of sub-inspectors was reduced. The debit on account of stationery and office stores was less than in the 1897 period.

*II. Maintenance and Renewal of Permanent-way—Decrease Rs.* 49,141.—The decrease was under "Materials" and was principally due to falling off in the ordinary renewals. There was only one mile of special renewals with 50 lb. rails this half-year against 6·39 miles in the corresponding period of 1897; the short outlay on this account was counterbalanced by that incurred on the insertion of additional tie-bars and renewals of cast iron cushions.

*III. Repairs of bridges, &c.—Decrease Rs.* 13,623.—This was chiefly under (1) "bridges and tunnels" and was due to a reduction in the ordinary expenditure. The cross sleepering of 30 feet, 50 feet, and 70 feet bridges, was less than in 1897 owing to difficulty in obtaining sleepers.

*Repairs of Stations and Buildings—Decrease Rs.* 15,303.—The corresponding period included outlay on special items such as renewals of 40 chimneys in smiths' shop, Negapatam, scraping and painting roofs at certain stations, and the substitution of iron distant signals for wooden ones at two stations.

*Unclassified Expenditure—Decrease Rs.* 12,462.—Due to fewer renewals and less quantity of materials carried.

*Stores returned to Stock—Decrease Rs.* 29,858.—There was only one mile renewed with 50 lb. rails against 6·39 in the 1897 period and consequently a smaller quantity of materials was removed from the line and returned to stores.

33. The cost of maintaining a mile of single track including sidings was Rs. 394·56 against Rs. 457·43 in the corresponding period of 1897.

34. *Abstract B—Locomotive Expenses—Increase Rs.* 927—

| June 1897. | | | | — | June 1898. | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | | South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karikkal Railway. | Total. |
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 69,927 | 271 | 1,947 | 67,709 | I. General superintendence .. | 62,801 | 1,790 | 231 | 99 | 64,921 |
| 1,65,766 | 644 | 4,616 | 1,60,506 | II. Running expenses .. .. | 1,62,403 | 4,628 | 599 | 256 | 1,67,886 |
| 3,92,397 | 1,523 | 10,927 | 3,79,247 | III. Fuel .. .. .. | 3,43,189 | 9,780 | 1,265 | 538 | 3,54,772 |
| 17,622 | 68 | 491 | 17,063 | IV. Water .. .. .. | 21,013 | 599 | 77 | 34 | 21,723 |
| 36,768 | 143 | 1,024 | 35,601 | V. Oil, tallow and other stores .. | 36,698 | 1,046 | 135 | 58 | 37,937 |
| 1,58,051 | 614 | 4,401 | 1,53,036 | VI. Maintenance and renewal of locomotive engines .. | 2,00,066 | 5,701 | 737 | 316 | 2,06,820 |
| 2,040 | 8 | 57 | 1,975 | VI-A. Maintenance and renewal of machinery, etc. .. | 4,559 | 130 | 17 | 7 | 4,713 |
| .. | .. | .. | .. | VII. New minor works .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | VIII. Payments to other lines .. | 26 | 1 | .. | .. | 27 |
| 31,929 | 124 | 889 | 30,916 | IX. Unclassified expenditure .. | 19,001 | 541 | 70 | 31 | 19,643 |
| 8,74,500 | 3,395 | 24,352 | 8,46,753 | Total .. | 8,49,704 | 24,214 | 3,131 | 1,339 | 8,78,388 |
| 4,732 | 18 | 132 | 4,582 | *Deduct*— Value of stores returned to stock .. | 6,606 | 188 | 24 | 11 | 6,829 |
| 8,69,768 | 3,377 | 24,220 | 8,42,171 | Total .. | 8,43,098 | 24,026 | 3,107 | 1,328 | 8,71,559 |

*III. Fuel—Decrease Rs.* 36,758.—Chiefly due to less number of trains run and to the cheaper rates at which coal was obtained (viz.) Rs. 12–10–3 per ton against Rs. 13–4–10 in the corresponding period of 1897.

*Maintenance and Renewals of Locomotive Engines—Increase Rs.* 47,030.—Rs. 14,326 were charged to this head under orders of the Consulting Engineer on account of the difference in value of an "O" class engine sanctioned and constructed against capital but treated as in replacement of the "F" class engine sold to the Uganda Railway.

The ordinary repairs and renewals were also heavy.

*Unclassified Expenditure—Decrease Rs.* 11,915.—Chiefly due to the write back in the current half year of a debit in December 1897 on account of loss on sale of engine tenders taken as a set-off against the gross profits in Abstract K.

35. The locomotive expenses per train mile were As. 8·25 against As. 7·73 and per engine mile As. 6·96 against As. 6·59.

36. *Abstract C—Carriage and Wagon Expenses—Decrease Rs.* 9,509—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam - Karikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 23,309 | 90 | 649 | 22,570 | I. General superintendence .. | 20,933 | 597 | 77 | 33 | 21,640 |
| 1,32,587 | 515 | 3,692 | 1,28,380 | II. Repairs and renewals of vehicles—Coaching vehicles .. .. | 1,39,007 | 3,961 | 512 | 219 | 1,43,699 |
| 95,306 | 370 | 2,654 | 92,282 | Goods vehicles .. .. | 74,379 | 2,120 | 274 | 117 | 76,890 |
| 4 | .. | .. | 4 | II-A. Repairs and renewals of machinery, tools and plant .. | .. | .. | .. | .. | .. |
| 22,112 | 86 | 616 | 21,410 | III. Cleaning carriages and wagons and oiling .. .. | 21,950 | 625 | 81 | 35 | 22,691 |
| 982 | 4 | 27 | 951 | IV. New minor works .. .. | .. | .. | .. | .. | .. |
| 613 | 2 | 17 | 594 | V. Unclassified expenditure .. | 3,897 | 111 | 15 | 6 | 4,029 |
| 2,74,913 | 1,067 | 7,655 | 2,66,191 | Total .. | 2,60,166 | 7,414 | 959 | 410 | 2,68,949 |
| 305 | 1 | 8 | 296 | *Deduct*—Value of stores returned to stock .. .. .. | 3,780 | 108 | 14 | 6 | 3,908 |
| 2,74,608 | 1,066 | 7,647 | 2,65,895 | Total .. | 2,56,386 | 7,306 | 945 | 404 | 2,65,041 |

*II. Repairs and Renewals of Vehicles—Decrease Rs.* 7,276.—Only 29½ sets of Jones' buffers were fitted during the half year under review against 111 sets in the corresponding half year. Ordinary repairs of coaching vehicles were more and those of goods vehicles less than in the 1897 period.

37. The carriage and wagon expenses per train mile amounted to As. 2·51 against As. 2·44 and Rs. 7·81 per 1,000 vehicle miles against Rs. 7·76.

38. *Abstract D—Traffic Expenses—Decrease Rs.* 6,517—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam - Karikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 54,889 | 213 | 1,528 | 53,148 | I. Salaries, wages, &c.—(*a*) General superintendence | 51,197 | 1,459 | 189 | 30 | 52,925 |
| 1,80,188 | 700 | 5,018 | 1,74,470 | (*b*) Station staff .. .. | 77,070 | 5,046 | 653 | 279 | 1,83,048 |
| 43,399 | 169 | 1,208 | 42,022 | (*c*) Train staff .. .. | 41,994 | 1,197 | 155 | 66 | 43,412 |
| 64,698 | 251 | 1,802 | 62,645 | II. Fuel, lighting, water and general stores .. .. .. | 53,856 | 1,525 | 198 | 85 | 55,674 |
| 4,423 | 17 | 123 | 4,283 | III. Clothing .. .. .. | 2,861 | 82 | 11 | 3 | 2,957 |
| 59,058 | 229 | 1,645 | 57,184 | IV. Printing, stationery and tickets. | 58,476 | 1,666 | 215 | 93 | 60,450 |
| .. | .. | .. | .. | V. Charges for delivery and collection of goods .. .. | 6 | .. | .. | .. | 6 |
| 3,075 | 12 | 86 | 2,977 | VI. Miscellaneous expenses .. | 2,568 | 73 | 9 | 5 | 2,655 |
| 8,398 | 33 | 234 | 8,131 | VII. Payments to other lines .. | 7,516 | 214 | 28 | 12 | 7,770 |
| 40 | .. | 1 | 39 | VIII. Unclassified expenditure .. | 2,871 | 68 | 9 | 3 | 2,951 |
| 4,18,168 | 1,624 | 11,645 | 4,04,899 | Total .. | 3,97,915 | 11,340 | 1,467 | 626 | 4,11,348 |
| 672 | 3 | 19 | 650 | *Deduct*—Value of stores returned to stock .. .. .. | 183 | 5 | 1 | .. | 189 |
| 4,17,496 | 1,621 | 11,626 | 4,04,249 | Total .. | 3,97,732 | 11,335 | 1,466 | 626 | 4,11,159 |



The decrease in this abstract is explained by the fact that, in the first half of 1897, under II "Fuel, Lighting, Water and general stores" special large issues of oil, stores, station furniture and equipment were included owing to the Mahamagam festival.

39. The charges for station and train staff, the tonnage of goods lifted, and the ton miles of goods carried compare as follows:—

| — | First-half of 1897. | First-half of 1898. | Increase or decrease. | Percentage of increase or decrease. |
|---|---|---|---|---|
| | Tons. | Tons. | Tons. | |
| Tonnage of goods .. .. .. .. .. | 655,810 | 784,055 | + 128,245 | + 19·56 |
| | Ton miles. | Ton miles. | Ton miles. | |
| Ton miles of goods .. .. .. .. .. | 42,969,024 | 41,436,198 | − 1,532,826 | − 3·57 |
| | Rs. | Rs. | Rs. | |
| Station staff .. .. .. .. .. | 1,74,470 | 1,77,070 | + 2,600 | + 1·49 |
| Train staff .. .. .. .. .. | 42,022 | 41,994 | − 28 | − ·07 |

40. The total cost of the department averaged As. 3·89 against As. 3·71 per train mile in the corresponding previous half year.

41. *Abstract E—General Charges—Decrease Rs.* 140—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 48,622 | 189 | 1,354 | 47,079 | I. General administration .. | 42,853 | 1,221 | 158 | 68 | 44,300 |
| 41,664 | 162 | 1,160 | 40,342 | I-A. Government supervision, audit and control. | 40,639 | 1,158 | 150 | 64 | 42,011 |
| 1,47,106 | 571 | 4,096 | 1,42,439 | II. Salaries of Indian management including offices. | 1,48,146 | 4,222 | 545 | 234 | 1,53,147 |
| 20,815 | 80 | 580 | 20,155 | III. Police .. .. .. | 21,402 | 610 | 79 | 33 | 22,124 |
| 2,338 | 9 | 65 | 2,264 | IV. Advertising .. .. | 725 | 20 | 3 | 1 | 749 |
| 60,025 | 233 | 1,671 | 58,121 | V. Electric telegraph .. .. | 57,752 | 1,646 | 213 | 90 | 59,701 |
| .. | .. | .. | .. | VI. Clearing accounts with other lines. | .. | .. | .. | .. | .. |
| 692 | 3 | 19 | 670 | VII. Unclassified expenditure .. | 17 | 1 | .. | .. | 18 |
| 3,21,262 | 1,247 | 8,945 | 3,11,070 | Total .. | 3,11,534 | 8,878 | 1,148 | 490 | 3,22,050 |
| 91 | .. | 2 | 89 | *Deduct*—Value of stores returned to stock. | 693 | 20 | 3 | .. | 716 |
| 3,21,171 | 1,247 | 8,943 | 3,10,981 | Total .. | 3,10,841 | 8,858 | 1,145 | 490 | 3,21,334 |

The net decrease is small and calls for no special remarks.

42. *Abstract G—Special and Miscellaneous Expenditure—Increase Rs.* 3,359—

| June 1897. Total. | Pondicherry Railway. | Mayavaram-Mutupet Railway. | South Indian Railway. | — | June 1898. South Indian Railway. | Mayavaram-Mutupet Railway. | Pondicherry Railway. | Peralam-Karikkal Railway. | Total. |
|---|---|---|---|---|---|---|---|---|---|
| Rs. | Rs. | Rs. | Rs. | | Rs. | Rs. | Rs. | Rs. | Rs. |
| 2,167 | 9 | 76 | 2,622 | I. Law charges .. .. | 816 | 23 | 3 | 1 | 843 |
| 2,708 | 10 | 193 | 6,736 | II. Compensation .. .. | 11,627 | 331 | 43 | 19 | 12,020 |
| 6,956 | 27 | 239 | 8,302 | III. Rates and taxes .. .. | 64 | 2 | .. | .. | 66 |
| 8,674 | 33 | .. | .. | IV. Payments to other lines .. | .. | .. | .. | .. | .. |
| .. | .. | 338 | 11,772 | V. Prizes for station gardens, &c. | 11,852 | 338 | 43 | 19 | 12,252 |
| 12,158 | 48 | | | VI. Contribution to Provident Institution. | | | | | |
| 4,407 | 17 | 123 | 4,267 | VII. Miscellaneous .. .. | 14,599 | 416 | 54 | 23 | 15,092 |
| 36,970 | 144 | 1,029 | 35,797 | Total .. | 39,156 | 1,116 | 144 | 62 | 40,478 |

*IV. Payment to other lines—Decrease Rs.* 8,238.—The net result of rent of stations jointly occupied was a credit entry of Rs. 13,924 as noted below and was treated as earnings under Abstract K :—

| | Rs. | A. | P. |
|---|---|---|---|
| Rent of buildings recovered from the Mayavaram-Mutupet Railway in arrears at the junction stations of Mayavaram and Tirnvalur ... ... ... ... ... ... | 18,179 | 8 | 11 |
| Rent of buildings payable to other railways ... ... ... | 4,555 | 4 | 0 |
| | 13,924 | 4 | 11 |

*VII. Miscellaneous—Increase Rs.* 10,332.—Under this head is included the cost of the Erode-Nanjangode Railway survey incurred during the half year under review.

43. *Statement of Train Mileage, Form No. XIV.*—The miscellaneous engine mileage, 303,117, was 18·54 per cent. of the total train mileage, 1,635,210 against 17·31 per cent. in the corresponding period of 1897.

44. *Statement of Outstanding Earnings, Form No. XVI.*—The earnings outstanding on the date of the preparation of the statement were Rs. 8,971-4-6, of which Rs. 476 have since been recovered and steps have been taken for the recovery of the balance.

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ORDER—No. 1381 Ry., dated 10th November 1898.

Ordered that the note by the Chief Auditor on the Capital and Revenue Accounts of the South Indian Railway for the half-year ended the 30th June 1898, be forwarded to the Government of India and to the Secretary of State in continuation of G.O., No. 1188 Ry., dated 29th September 1898.

[Here enter No. 1382 Ry., dated 10th November 1898.]

(True Extract.)

FRANCIS J. E. SPRING,
Joint Secretary.

To the Agent, South Indian Railway.
" Examiner of Railway Accounts, Madras.
" Consulting Engineer for Railways.

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ENDORSEMENT—No. 1382 Ry., dated 10th November 1898.

Forwarded.

(By order.)

FRANCIS J. E. SPRING,
Joint Secretary.

Exd Shaik Karim.

No. ~~938~~ 938

South Indian Railway Co., Ld.,

AGENT'S OFFICE,

TRICHINOPOLY, 14th October 1898.

4825
15.10.98

RECEIVED 15 OCT. 1898 MADRAS. CONSULTING ENGINEER FOR RAILWAYS

From

The AGENT,

SOUTH INDIAN RAILWAY,

To

The CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Sir,

Referring to item N° 2 of the Returns called for in your letter N° 2474 of the 2nd September 1898, I have the honor to forward herewith the Chief Auditor's Report on the Capital and Revenue Accounts of the South Indian Railway for the half year ended 30th June 1898.

I have the honor to be
Sir
Your most obedient servant

1 Enclosure
~~by book post~~

W. de Meuron
for Agent

From

The Agent,

South Indian Railway,

*Trichinopoly.*

To

The Consulting Engineer for

Railways,

*Madras.*

Dated

Received } 189

No.

Enclosure.

Note by the Chief Auditor

South Indian Railway

on the Capital & Revenue Accounts

for the Half Year Ending 30th June 1890.

AP

Note by the Chief Auditor South Indian Railway on the Capital and Revenue Accounts for the Half Year ending 30th June 1898.

## Capital

### Statement V

The Capital expenditure for the half year amounted to Rs 72,887 of which Rs 19,725 was on "Land," Rs 14,488 on "Ballast and Permanent Way" and Rs 28,307 on "Stations and Buildings"

The outlay on "Land" included an arrear charge of Rs 13,694 being the capitalized value of abatement of land revenue ordered by the Government of India to be transferred to direct outlay - vide their No. 46 A.R. of 13th January 1898.

The expenditure under "Ballast and Permanent Way" and "Stations and Buildings" was chiefly incurred in connection with Gudur Station arrangements sanctioned by Government of India No. 2006 R.C. dated 15th December 1897.

B1

2/ Statements VII and XVIII.

The total capital outlay to end of June 1898 including Suspense Accounts was Rs 766.13.490 and excluding Suspense Accounts Rs 714.32.1374. The latter figure gives on the total open mileage of 1041.59 an average cost of Rs 71.354 per mile.

## Revenue.

3/ General Results.

The following table shows the general results of the working:

| | First Half of 1897 | Last Half of 1898 | Increase or decrease | Percentage of Increase or decrease |
|---|---|---|---|---|
| | Miles | Miles | Miles | - |
| Mean mileage worked | 1041·59 | 1041·59 | - | - |
| Train mileage | 1744051 | 1635210 | 108841 | 6·24 |
| | No | No | No | |
| Average number of trains over the whole line daily in both directions | 9·25 | 8·67 | ·58 | " |
| | Rs | Rs | Rs | |
| Gross Earnings | 4624064 | 4349055 | 275009 | 5·95 |
| Working Expenses | 2396752 | 2310950 | 85802 | 3·58 |
| Net Earnings. | 2227312 | 2038105 | 189207 | 8·4 |
| Percentage of Working Expenses to gross earnings | 51·83 | 53·14 | 1·31 | " |
| Percentage of net earnings on Capital outlay including Suspense | 2·89 | 2·66 | ·23 | " |

4/- The gross earnings per mean mile worked per week averaged Rs 160.59 against Rs 170.75 and were realised at a co of 53.14 per cent against 51.83 per cent durin the corresponding period of 1897.

5/- The net earnings with the adjustments shown in Statement XIX give after deducting interest charges and the additional contribution to Provident Fund a surplus of Rs 8.08.022 of which the Compa share is Rs 1.47.653 and Governments — Rs 6.60.369.

6/- The contribution to the Provident Institution during the half year was Rs 20279 as under:-

| | |
|---|---|
| Fifty per cent of Compulsory deductions charged to working expenses. | Rs 12.252 |
| Additional contribution as per Surplus Profits Statement No XIX. | " 8027 |
| | Total Rs 20.279 |

7/- Gross Earnings.

The following table shows the gross earnings for the two half years:-

| | First Half of 1897 | First Half of 1898 | Increase or decrease in amount | Percentage of increase or decrease |
|---|---|---|---|---|
| | Rs | Rs | Rs | |
| Coaching | 2.59.2.076 | 2.33.2.919 | 2.59.157 | 10.00 |
| Goods | 1.93.0.286 | 1.83.5.746 | 94.540 | 4.90 |
| Electric Telegraph | 10.867 | 10.626 | 241 | 2.2 |
| Sundries | 90.835 | 1.69.764 | 78.929 | 86.89 |
| Total | 4.62.4.064 | 4.34.9.055 | 2.75.009 | 5.95 |

8/- **Abstract A— Coaching Traffic**

The number of passengers carried in the various classes including Troop Police and Season ticket holders and the earnings therefrom compare as follows:-

| | First Class | | Second Class | | Third Class | | Total | |
|---|---|---|---|---|---|---|---|---|
| | No. | Earnings | No. | Earnings | No. | Earnings | No. | Earnings |
| | | Rs | | Rs | | Rs | | Rs |
| First Half of 1897 | 12601 | 41268 | 111862 | 95633 | 6449954 | 2332476 | 6574317 | 246937 |
| First Half of 1898 | 10504 | 41484 | 59607 | 82312 | 5965254 | 2078886 | 6035365 | 220268 |
| Increase | | 216 | | | | | | |
| Decrease | 1997 | | 52255 | 13321 | 484700 | 253590 | 538952 | 26669 |

9/- The corresponding period included the abnormal traffic on account of the Mahamagam festival at Kumbakonam held once in twelve years.

The important annual festivals at Srirangam, Chidambaram and Conjeeveram were not so numerously attended as usual owing to Plague precautionary measures and to the unfavorable season.

10 The fall in the second class traffic is due, in some measure, to the increased fare, but it will be seen from the following that the falling off in the amount earned is not so serious when compared with the smaller number of passengers carried.

| | Number | Amount earned |
|---|---|---|
| First Half of 1895 | 110.387 1/2 | 89.284 |
| " 1896 | 113.413 1/2 | 95.295 |
| " 1897 | 111.862 | 95.635 |
| " 1898 | 59.607 | 82.312 |

11/- Other Coaching Traffic.

The fluctuations in other Coaching traffic are shown in the following table:-

| Sub-head | Increase | Decrease |
|---|---|---|
| II Passengers Luggage | | 603 |
| III Military Baggage | 273 | |
| IV Carriages, horses, dogs &c | | 1.879 |
| V Military Carriages, horses &c | 202 | |
| VI Parcels | 7.577 | |
| VII Special trains | 2804 | |
| VIII Miscellaneous | | 666 |
| IX Post office | | 212 |
| Total | 10856 | 3360 |

12/- Abstract I — Goods Traffic

The following is a summary of the tonnage of goods lifted, and the earnings therefrom as compared with

the corresponding period of 1897.

| | First Half of 1897 | | First Half of 1896 | |
|---|---|---|---|---|
| | Quantity | Earnings | Quantity | Earnings |
| | Tons | Rs | Tons | Rs |
| Merchandise general | 441077 | 1841038 | 364813 | 1736263 |
| Military Stores | 71 | 1859 | 295 | 2639 |
| Railway materials for Construction | 18205 | 5821 | 52438 | 8621 |
| Coal | 18569 | 25619 | 20381 | 24639 |
| Revenue Stores | 177888 | 45035 | 346128 | 47994 |
| Other Goods traffic | " | 10991 | " | 15599 |
| Total | 655810 | 1930363 | 784055 | 1835744 |
| Less- Outstandings irrecoverable | " | 77 | " | " |
| Total | 655810 | 1930286 | 784055 | 1835744 |

13/ Merchandise General.

The traffic under this head shows the following results as compared with the corresponding period of 1897:-

Tonnage — Decrease 76264 or 17.29 per cent
Ton Mileage — " — 2071024 or 5.52 — " —
Earnings — — 104776 or 5.69 — " —

14/- The average rate charged per ton per mile was 9.41 pies against 9.43 pies in the corresponding period of 1897.

15/- Railway Materials for Construction.

Increase of Tons 34233 and Rs 2800 due to a greater quantity of ballast carried.

16/ Revenue Stores — Increase of Tons 1,682.40 & Rs 2,959 chiefly on account of ballast carried for maintenance of the line.

17/ The following table shows some of the principal commodities included above under the head of "Merchandise, General" carried during the two half years under comparison:—

| | First Half of 1897 | | First Half of 1896. | |
|---|---|---|---|---|
| | Quantity | Amount | Quantity | Amount |
| | Tons | Rs | Tons | Rs |
| Cotton raw | 7581 | 45415 | 8932 | 56535 |
| Cotton manufactured | 8922 | 105649 | 8924 | 98709 |
| Dyes and Tans | 6250 | 53560 | 5624 | 49601 |
| Grain and Pulse | 130993 | 421340 | 86070 | 310829 |
| Hides and Skins | 4298 | 43580 | 4815 | 47300 |
| Jute | 3988 | 24330 | 3099 | 20467 |
| Metals | 6175 | 57604 | 7389 | 71184 |
| Oils | 9454 | 61949 | 9425 | 66672 |
| Oil-Seeds | 15272 | 61246 | 12614 | 60501 |
| Provisions | 14519 | 87562 | 12452 | 72567 |
| Railway plant & Rolling Stock | 16884 | 46633 | 5229 | 13819 |
| Salt | 32727 | 121607 | 29818 | 107982 |
| Spices | 8484 | 68347 | 8714 | 75877 |
| Stone and Lime | 54965 | 69194 | 42040 | 55930 |
| Sugar | 28259 | 160303 | 27286 | 159806 |
| Timber | 30978 | 56698 | 28519 | 48920 |
| Tobacco | 3823 | 21154 | 3701 | 21996 |
| All other articles of merchandise | 53477 | 299199 | 56629 | 360750 |

18/. Cotton raw — Increase of Tons 1351 and Rs 11120

The increase was in loose cotton from Virudupati to Tuticorin for use in the local mills. The cotton crop was better this year than last

19/. Cotton manufactures — Increase of Tons 2 and decrease of Rs 6940

The decrease in amount principally occurred in "Piecegoods (European)" from Madras to the Tanjore and Southern Districts where the demand was less than in the corresponding period.

20/. Grain and Pulse — Decrease of Tons 44925 and Rs 110511

Owing to a poor rice crop in the North Arcot, Tanjore, Trichinopoly, Madura and Tinnevelly Districts the export of "Rice not in the husk" was considerably below that of the 1897 period.

Bengal and Rangoon rice was to some extent imported at Negapatam and railed to the interior thus in a measure compensating for the loss of this traffic in the home districts.

There was also little traffic from Trichinopoly, Karur and Srivaikuntam in "Grain and Pulse" due to the failure of crops.

21/. Metals — Increase of Tons 1214 and Rs 13580

The increase was chiefly in bar iron &c from Madras to the

Tanjore, Trichinopoly and the Southern Districts for manufacturing agricultural implements.

22/ Oils — Decrease of Tons 29 and increase of Rs 4723

There was a large increase in the quantity carried and amount earned under "Kerosine Oil in bulk" while "Castor", "Cocoanut" and other oils showed considerably decreased results owing to failure of crops.

23/ Provisions — Decrease of Tons 2067 and Rs 15002

The decrease was under the head "others" chiefly in tamarinds from the Cuddapah and North Arcot Districts to the Tanjore and Southern Districts the crop being below the average

24/ Railway Plant and Rolling Stock

Decrease of Tons 11655 and Rs 31814

In the corresponding period of 1897 there was exceptional traffic in rails, girders and sleepers carried from Royapuram and Ennur to Gudur, Venkatachalam and Nellore for the Madras-Bezwada Railway.

25/ Salt — Decrease of Tons 2909 and Rs 13625.

Salt from Tuticorin was carried to the interior Districts largely on country carts as a large number of bullocks was set free from cultivation owing to want of rain.

The Stations on the Madras and Southern Mahratta Railways obtained supplies from the West Coast instead of from Nellore.

26/. Spices — Increase of Tons 230 and Rs 7,530.

Nearly the whole of this increase was under "Chillies" from Karur and Erode to the Tanjore and the North and South Arcot districts, the crops being good

27/. Stone and Lime — Decrease of Tons 12925 and Rs 132164

The decrease was in Stone from Tirupati to Gudur and Nellore for the Madras Bezwada Railway which is nearing completion.

28/. Timber — Decrease of Tons 2459 and Rs 7770

The decrease was in wood sleepers for the Peralam Karikal Railway since completed and in firewood for different mills. Coal being used instead.

29/. All other articles of Merchandise.

Increase of Tons 3152 and Rs 61551

The increase was under Cocoanuts, cotton seeds, fibre, plantains and oil-cakes.

The crop of Cocoanuts in the Tanjore and Trichinopoly Districts this year was considerably over the average:

30/ Working Expenses.

The working expenses of the two half years compared as follow :-

| | First Half of 1897 | | First Half of 1898 | | Increase or decrease in amount | Percentage of increase or decrease |
|---|---|---|---|---|---|---|
| | Amount | Percentage on gross earnings | Amount | Percentage on gross earnings | | |
| | Rs | | Rs | | Rs | |
| Maintenance | 537659 | 11·63 | 463737 | 10·66 | 73922 | 13·75 |
| Locomotive | 842171 | 18·21 | 843098 | 19·39 | 927 | ·11 |
| Carriage & Wagon | 265875 | 5·75 | 256386 | 5·89 | 9509 | 3·58 |
| Traffic | 404249 | 8·74 | 397732 | 9·15 | 6517 | 1·61 |
| General Charges | 310981 | 6·73 | 310841 | 7·15 | 140 | ·05 |
| Sea boat earnings | " | " | " | " | " | " |
| Special & Miscellaneous | 35797 | 0·77 | 39166 | ·90 | 3359 | 9·38 |
| Total | 2396752 | 51·83 | 2310950 | 53·14 | 85802 | 3·58 |

31/ To admit of ready Comparison being made the proportionate expenditure under each minor head chargeable to the South Indian, Manpoorum Mutupet, Pondicherry and the Peralam Karikal Railways is shown in the annexed tables :-

32

Abstract A. Maintenance of Way, Works and Stations. LP

Decrease Rs 73922

| June 1897 | | | | | June 1898 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total | Southern Railway | Mayavaram Mutupet Railway | South Indian Railway | | South Indian Railway | Mayavaram Mutupet Railway | Pondicherry Railway | Peralam Karikal Railway | Total |
| 121819 | 473 | 3392 | 117954 | I. General Superintendence. | 109990 | 3134 | 405 | 174 | 113703 |
| 361816 | 1405 | 10076 | 350336 | II. Maintenance. renewal of Permanent Way | 301195 | 8584 | 1110 | 474 | 311363 |
| 52180 | 202 | 1453 | 50526 | III. Repairs of Bridges &c Wages and materials | 36902 | 1052 | 136 | 57 | 38147 |
| " | " | " | " | III A. Conservancy of Rivers &c | " | " | " | " | " |
| 38283 | 149 | 1066 | 37068 | IV. Repairs of stations and buildings wages & materials | 21765 | 620 | 80 | 35 | 22500 |
| " | " | " | " | V. Maintenance by Contract | " | " | " | " | " |
| 9494 | 37 | 264 | 9193 | VI. New Minor Works. | 3906 | 111 | 14 | 7 | 4038 |
| 43703 | 170 | 1217 | 42316 | VII. Unclassified Expenditure. | 29854 | 851 | 110 | 47 | 30862 |
| 627296 | 2436 | 17467 | 607392 | Total | 503612 | 14352 | 1855 | 794 | 520613 |
| 72018 | 280 | 2005 | 69733 | Deduct. Value of stores returned to stock | 39875 | 1136 | 146 | 64 | 41221 |
| 555277 | 2156 | 15462 | 537659 | Total | 463737 | 13216 | 1709 | 730 | 479392 |

(13) M.P.

I General Superintendence Decrease Rs 7,964

Some of the Inspectors on high pay left the service and men on lower salaries were appointed. The number of Sub-Inspectors was reduced. The debit on account of Stationery and Office Stores was less than in the 1897 period.

II Maintenance and Renewal of Permanent Way Decrease Rs 49,141

The decrease was under "Materials" and was principally due to falling off in the ordinary renewals. There was only 1 mile of special renewals with 50 lb rails this half year against 6.39 miles in the corresponding period of 1897; the short outlay on this account was counterbalanced by that incurred on the insertion of additional tie-bars and renewals of cast iron cushions.

III Repairs of Bridges &c Decrease Rs 13,623

This was chiefly under (1) "Bridges and Tunnels" and was due to a reduction in the ordinary expenditure. The crows sleepering of 30 ft, 50 ft, and 70 ft bridges was less than in 1897 owing to difficulty in obtaining sleepers.

Repairs of Stations & Buildings. Decrease Rs 15,303

The corresponding period included outlay on special items such as renewals of 40 chimneys in Smiths Shop, Negapatam, Scraping and painting

roofs at certain Stations and the substitution of iron distant signals for wooden ones at two Stations.

Unclassified Expenditure Decrease Rs 124·62

Due to fewer renewals and less quantity of materials carried.

Stores returned to Stock Decrease Rs 29·68

There was only one mile renewed with 60 ℔ rails against 6·39 in the 1897 period and consequently a smaller quantity of materials was removed from the line and returned to Stores.

33/ The cost of maintaining a mile of single track including Sidings was Rs 394·56 against Rs 457·42 in the corresponding period of 1897.

## Abstract. B. 34/ Locomotive Expenses. Increase Rs 927.

| June 1897 | | | | | June 1898. | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total | Southern Railway | Mayavaram Mettupalayam Railway | South Indian Railway | | South Indian Railway | Mayavaram Mettupalayam Railway | Southern Railway | Peralgat Karaikal Railway | Total |
| 69927 | 271 | 1947 | 67709 | I General Superintendence | 62801 | 1770 | 231 | 99 | 64921 |
| 165766 | 644 | 4616 | 160506 | II Running Expenses. | 162403 | 4628 | 577 | 256 | 167884 |
| 392397 | 1523 | 10927 | 379947 | III Fuel. | 343189 | 9780 | 1265 | 538 | 354773 |
| 17622 | 68 | 491 | 17063 | IV Water. | 21013 | 599 | 77 | 34 | 21723 |
| 36768 | 143 | 1024 | 35601 | V Oil, Tallow and other stores. | 36698 | 1046 | 135 | 58 | 37937 |
| 157051 | 614 | 4401 | 163036 | VI Maintenance and renewal of Locomotive Engines. | 200066 | 5701 | 737 | 316 | 206820 |
| 2040 | 8 | 57 | 1975 | VI A – do – of Machinery &c | 4559 | 130 | 17 | 7 | 4713 |
| " | " | " | " | VII New Minor works. | " | " | " | " | " |
| " | " | " | " | VIII Payments to other lines | 26 | 1 | " | " | 27 |
| 31929 | 124 | 889 | 30916 | IX Unclassified Expenditure | 19001 | 541 | 70 | 31 | 19643 |
| 874500 | 3395 | 24352 | 846753 | Total | 849704 | 24214 | 3131 | 1339 | 878388 |
| 4732 | 18 | 132 | 4582 | Deduct. Value of stores returned to stock. | 6606 | 188 | 24 | 11 | 6829 |
| 869768 | 3377 | 24220 | 842171 | Total | 843098 | 24026 | 3107 | 1328 | 871559 |

III Incl. P.P. ——

Decrease Rs 36,750

Chiefly due to less number of trains run and to the cheaper rate at which coal was obtained (viz) Rs 12-10 per ton against Rs 13-4-10 in the corresponding period of 1897.

Maintenance and Renewals of Loco: Engines

Increase Rs 47,050

Rs 114,326 were charged to this head under orders of the Consulting Engineer on account of the difference in value of an "O" class Engine sanctioned and Constructed against Capital but treated as in replacement of the "F" class Engine sold to the Uganda Railway.

The ordinary repairs and renewals were also heavy.

Unclassified Expenditure — Decrease Rs 11,915

Chiefly due to the write back in the current half year of a debit in December 1897 on account of loss on sale of engine tenders, taken as a set off against the gross profits in Abstract K.

35/ The Locomotive expenses per train mile were annas 8.25 against annas 7.75 and per Engine mile annas 6.96 against annas 6.59.

## Abstract. 36/- C. Carriage and Wagon Expenses.

Decrease Rs 9,509

| June 1897 | | | | | June 1898 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total | Southern Punjab Railway | Jhajjar-Rewari Railway | South Indian Railway | | South Indian Railway | Jhajjar-Rewari Railway | Southern Punjab Railway | P. N. Rly | Total |
| 23309 | 90 | 649 | 22570 | I General Superintendence. | 20933 | 697 | 77 | 33 | 21740 |
| | | | | II Repairs and renewals of Vehicles | | | | | |
| 132587 | 515 | 3692 | 128380 | Coaching Vehicles | 139007 | 3961 | 512 | 219 | 143699 |
| 95306 | 370 | 2654 | 92282 | Goods Vehicles. | 74379 | 2120 | 274 | 117 | 76890 |
| 4 | - | - | 4 | II A. Repairs and renewals of machinery Tools and Plant. | - | - | - | - | - |
| 22112 | 86 | 616 | 21410 | III Cleaning Carriages and wagons and oiling. | 21950 | 625 | 81 | 25 | 22681 |
| 982 | 4 | 27 | 951 | IV New Minor works. | - | - | - | - | - |
| 613 | 2 | 17 | 594 | V Unclassified Expenditure. | 3897 | 111 | 15 | 6 | 4029 |
| 274913 | 1067 | 7655 | 266191 | Total | 260166 | 7414 | 959 | 410 | 269949 |
| 305 | 1 | 8 | 296 | Deduct. Value of stores returned to stock. | 3780 | 108 | 14 | 6 | 3908 |
| 274608 | 1066 | 7647 | 265895 | Total | 256386 | 7306 | 945 | 404 | 265041 |

### II Repairs and Renewals of Vehicles

Decrease Rs 7,274

Only 29½ sets of Jones buffers were fitted during the half year under review against 111 sets in the corresponding half year. Ordinary Repairs of Coaching Vehicles were more and those of Goods Vehicles less, than in the 1897 period.

37/

The Carriage and Wagon expenses per train mile amounted to Annas 2·51 against Annas 2·44 and Rs 7·81 per 1000 Vehicle Miles against Rs 7·76

Abstract. D. Traffic Expenses. (18) RB Decrease Rs 6517

| June 1897 | | | | | June 1898 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total | Southern Railway | Jaggayyapet Siddipet Railway | South Indian Railway | | South Indian Railway | Jaggayyapet Siddipet Railway | Southern Railway | P.W. Dy | Total |
| | | | | I Salaries, wages &c. | | | | | |
| 54889 | 213 | 1528 | 53148 | (a) General Superintendence | 51197 | 1459 | 189 | 80 | 52925 |
| 180188 | 700 | 5018 | 174470 | (b) Station Staff. | 177070 | 5046 | 653 | 279 | 183048 |
| 43399 | 169 | 1208 | 42022 | (c) Train staff. | 41994 | 1197 | 155 | 66 | 43412 |
| 64698 | 251 | 1802 | 62646 | II Fuel, lighting, water and general stores. | 53856 | 1535 | 198 | 85 | 55674 |
| 4423 | 17 | 123 | 4283 | III Clothing | 2861 | 82 | 11 | 3 | 2957 |
| 59068 | 229 | 1645 | 57184 | IV Printing, Stationery and tickets | 58476 | 1666 | 215 | 93 | 60450 |
| - | - | - | - | V Charges for delivery and Collection of goods. | 6 | - | - | - | 6 |
| 3076 | 12 | 86 | 2977 | VI Miscellaneous expenses | 2568 | 73 | 9 | 5 | 2655 |
| 8298 | 33 | 234 | 8131 | VII Payments to other lines | 7516 | 214 | 28 | 12 | 7770 |
| 40 | . | 1 | 39 | VIII Unclassified Expenditure. | 2371 | 68 | 9 | 3 | 2451 |
| 418168 | 1624 | 11646 | 404899 | Total | 397915 | 11340 | 1467 | 626 | 411348 |
| 672 | 3 | 19 | 650 | Deduct. Value of stores returned to stock. | 183 | 5 | 1 | . | 189 |
| 417496 | 1621 | 11626 | 404249 | Total | 397732 | 11335 | 1466 | 626 | 411159 |

A The decrease in this abstract is explained by the fact that in the first half of 1897 under II "Fuel, Lighting Water and General Stores" special large issues of oil, Stores, Station furniture and equipment were included owing to the Mahamagam festival.

39/- The charges for Station and Train staff, the tonnage of goods lifted, and the ton miles of goods carried compare as follows:-

| | First Half of 1897 | First Half of 1898 | Increase or decrease | Percentage of increase or decrease |
|---|---|---|---|---|
| Tonnage of goods | Tons 655810 | Tons 784055 | Tons 128245 | 19.56 |
| Ton miles of goods | Ton Miles 42969024 | Ton Miles 44143198 | Ton Miles 1532826 | 3.57 |
| Station Staff | Rs 174470 | Rs 177070 | Rs 2600 | 1.49 |
| Train Staff | 42022 | 41994 | 28 | .07 |

40/- The total cost of the department averaged Annas 3.89 against Annas 3.71 per train mile in the Corresponding previous half year

## Abstract E. General Charges. (20) J.B Decrease Rs 140.

| June 1897 | | | | | June 1898 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total | Indian Ry | N.W. Ry | South Indian Railway | | South Indian Railway | N.W. Ry | Indian Ry | P.W. Ry | Total |
| 48622 | 189 | 1364 | 47079 | I General Administration | 42853 | 1221 | 158 | 68 | 44300 |
| 41664 | 162 | 1160 | 40342 | IA. Government Supervision, Audit & Control. | 40639 | 1158 | 150 | 64 | 42011 |
| 147106 | 571 | 4076 | 142439 | II Salaries of Indian management including Offices | 148146 | 4222 | 545 | 234 | 153147 |
| 20815 | 80 | 580 | 20155 | III Police. | 21402 | 610 | 79 | 33 | 22124 |
| 2338 | 9 | 66 | 2264 | IV Advertising | 725 | 20 | 3 | 1 | 749 |
| 60026 | 233 | 1671 | 58121 | V Electric Telegraph | 57752 | 1646 | 213 | 90 | 59701 |
| - | - | - | - | VI Clearing accounts with other lines. | - | - | - | - | - |
| 692 | 3 | 19 | 670 | VII Unclassified Expenditure. | 17 | 1 | - | - | 18 |
| 321262 | 1247 | 8945 | 311070 | Total | 311534 | 8878 | 1148 | 490 | 322050 |
| 91 | - | 2 | 89 | Deduct- Value of stores returned to stock | 693 | 20 | 3 | - | 716 |
| 321171 | 1247 | 8943 | 310981 | Total | 310841 | 8858 | 1146 | 490 | 321334 |
| 4 | 4 | 4 | 4 | 17 | 4 | 4 | 4 | 4 | 4 |

The net decrease is small and calls for no special remarks.

42/- (21)

## Abstract L Special & Miscellaneous Expenditure.

Increase Rs 3359

| June 1897 | | | | | June 1898 | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total | Nondescript Kys | M. & M. Kys | d. S. Kys | | d. S. Kys | M. & M. Kys | Nondescript Kys | M. X. Kys | Total |
| 2167 | 9 | 60 | 2098 | I Law charges | 198 | 6 | 1 | " | 205 |
| 2708 | 10 | 76 | 2622 | III Compensation | 816 | 23 | 3 | 1 | 843 |
| 6956 | 27 | 193 | 6736 | III Rates and Taxes | 11627 | 331 | 43 | 19 | 12020 |
| 8574 | 33 | 239 | 8302 | IV Payments to other Lines | 64 | 2 | " | " | 66 |
| " | " | " | " | V Prizes for Station gardens &c | " | " | " | " | " |
| 12158 | 48 | 338 | 11772 | VI Contribution to Provident Institution | 11852 | 338 | 43 | 19 | 12252 |
| 4407 | 17 | 123 | 4267 | VII Miscellaneous | 14599 | 416 | 54 | 23 | 15092 |
| 36970 | 144 | 1029 | 35797 | Total | 39156 | 1116 | 144 | 62 | 40478 |

IV Payment to other Lines Decrease Rs 823

The net result of Rents of Stations jointly occupied was a credit entry of Rs 13924 as noted below and was treated as earnings under Abstract K.

| | | |
|---|---|---|
| Rent of Buildings recovered from the M. & M. Ry in arrears at the Junction Stations of Mayavaram & Srirangam | Rs | 18479-0-0 |
| do payable to other Railways | " | 4555-4-0 |
| | | 13924-4-0 |

VP (22)

VII Miscellaneous — Increase Rs 10352

Under this head is included the cost of Erode-Ranganoor Railway Survey incurred during the half year under review.

43/- Statement of Train Mileage Form No XIV

The miscellaneous Engine mileage, 303,117, was 18·54 per cent of the total train mileage, 1,635,210, against 17·31 per cent in the corresponding period of 1897.

44/- Statement of outstanding earnings Form No XVI

The earnings outstanding on the date of the preparation of the Statement were Rs 8,971-4-6 of which Rs 476- have since been recovered and steps taken for the recovery of the balance.

Trichinopoly
21st Sept. 1898

for Chief Auditor
S. I. Railway
Elsdale

21/9

and Kawaina Accounts of the SR
for the half year ended the 30th June
1878

J.D.
SR.

4825/98
938 14-10-98
A

Form No. 1.

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

Papers to be read in Proceedings:—

Again G.O., dated 189 , No.

Again G.O., dated 189 , No.

EM Current No. 4825 of 189 8, dated 15-10-98, from A Quarter

" " " 189 , " , "

" " " 189 , " , "

1381 Rly & Co. Nov/98.

ORDER.

N

Print

Ordered that the letter by the Chief Auditor on the S.R Capital and Revenue Accounts of the S.R for the half year ending the 30th June 1898 be forwarded to the Govt of India and to the Secy of State in continuation of G.O. N: 1188 Rlys & 29 Oct 1898.

H. E. N: 1381 Rlys & 10 Oct 1898

Forwarded

H. E. N: 25/1381 Rlys & 10 Oct 1898

To

The Rt Hon'ble the Secy of State for India

My Lord,

In continuation of our despatch N: 18/1188 Rlys & 29 Oct/98, we have the honour to forward herewith a Copy of letter by the Chief Auditor on the Capital and

To The Agent S.R
" Examiner of Railway Accts Madras
" Comptr Engrs for Rys

Despatched on 19/11/98

3 Printed

D 17/11/98

L Calcutta